

SECOND QUARTER 2009 QUARTERLY STATUS REPORT

**BP SERVICE STATION #3033
14243 JARRETSVILLE PIKE
PHOENIX, MARYLAND
MDE CASE #2005-0326BA2**

Prepared for

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And

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Waste Management Administration
Oil Control Program
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July 2009



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REPORTING PERIOD: April – June 2009
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1.0 SITE HISTORY

- Project start date: 1981
- 1981 – Initial Site Investigation is conducted.
- 1985 – BP/Amoco Oil Company signs a Resource Conservation and Recovery Act (RCRA) Consent Agreement stating that there is no physical information to indicate that gasoline has leaked from any of the underground storage tanks at the BP/Amoco Site.
- 1986 – Benzene concentrations are detected above drinking water standards. Methyl tert-butyl ether (MTBE) is detected in off-site observation wells OW-08, OW-27, and OW-51, and in on-site observation well OB-24, at concentrations ranging from 0.08 to 2.9 micrograms per liter ($\mu\text{g/l}$, or parts per billion (ppb)).
- June 1987 – BP/Amoco begins pumping and treatment of groundwater from recovery well RW-24.
- November 1991 – Benzene concentrations reach asymptotic levels (13.9 $\mu\text{g/l}$) in recovery well RW-24.
- March 1992 – The Maryland Department of the Environment (MDE) approves the discontinuation of pumping and treatment of groundwater from recovery well RW-24.
- August 1994 – BP/Amoco requests case closure based on low benzene concentrations on-site after two years of post remedial shutdown.
- February 1995 – MDE and the Environmental Protection Agency (EPA) request an additional sampling event and Work Plan that addresses dissolved hydrocarbons.
- November 1996 – BP/Amoco leaking underground storage tank (LUST) Case Number 9-0588 BA3 is closed. All off-site wells are abandoned.
- September 2001 – Handex of Maryland (Handex) conducts a Baseline Divestment Assessment.
- December 2001 – Handex completes a Subsurface Hydrocarbon Impact Assessment. The Assessment concludes that groundwater results are above MDE reporting levels for MTBE. The MTBE concentrations may be associated with residual impact from Case Number 9-0588 BA3.
- January 2002 – MDE requires no further action based on the Hydrocarbon Impact Assessment.
- September 2004 – Ms. Ellen Jackson of MDE verbally requests URS to sample the onsite potable well and two onsite monitoring wells. MTBE was detected in the influent potable well sample (0.00052 milligrams per liter (mg/l)), and in the monitoring wells MW-01 and MW-02 at 0.0552 mg/l and 12.8 mg/l, respectively.
- October 2004 – Underground Storage Tanks (UST) and piping are upgraded. The upgrades consisted of installing new containment basins under the dispensers, installing containment submersible transfer pump (STP) sumps at the tanks, upgrading all product piping to double-walled fiberglass-reinforced plastic (FRP), and conducting helium testing on the product lines and tightness testing on the tanks.

- November 2004 - URS conducts two (2) High Vacuum Extraction and Treatment (HEAT) events to address elevated MTBE concentrations in the groundwater. Because of low recovery levels HEAT was discontinued.
- December 2004 - URS supervises the installation of seven (7) 4-inch diameter on-site monitoring wells (MW-01R, MW-02R, and MW-03 through MW-07).
- October 27, 2005 - the MDE approves the installation of the proposed soil vapor extraction (SVE) system.
- December 2005 - URS supervises the installation of a potable water treatment system at Bradford Bank; the replacement of the station potable water system; and the installation of SVE piping to the four tank field wells and monitoring well MW-02R.
- February 6, 2006 - installation activities for the SVE system are completed.
- February 17, 2006 - an Exxon gasoline service station at 14258 Jarrettsville Pike reported a release of approximately 25,000 gallons of gasoline to the subsurface soil via a hole in a dispenser line.
- The potable water well at the Bradford Bank located at 14301 Jarrettsville Pike is directly affected by the release at the Exxon facility. The MDE directs the responsible party, ExxonMobil, to supply potable water to the Bradford Bank on February 24, 2006.
- The MDE determines that BP should replace carbon at the potable water treatment system located in the basement of the Jacksonville Veterinarian Hospital located at 14240 Jarrettsville Pike. The carbon vessels were exchanged on March 23, 2006.
- The MDE directs BP to collect water samples from the potable water treatment system at the Jacksonville Veterinarian Hospital on a weekly basis. URS started sampling on April 7, 2006.
- The MDE allows startup of the SVE system on the four tank field wells. The system is started on May 30, 2006.
- Based on water usage, the capacity of the water treatment system at the Jacksonville Veterinarian Hospital is increased on June 27, 2006. A carbon change is also performed.
- The SVE system is shut down on October 9, 2006 because of low recovery and to remove a part of the system piping.
- Carbon changes at the Jacksonville Veterinarian Hospital are performed on April 20 and October 16, 2006, as well as April 9, July 30, September 10 and November 8, 2007; on January 31, April 15, June 9, July 28, and November 18, 2008; and February 26, 2009.
- January 19, 2007 - a report evaluating SVE system performance is submitted to the MDE.
- August 27, 2007 - a proposed work plan detailing the performance of weekly air sparge events on monitoring well MW-03 is submitted to the MDE.
- October 19, 2007 - the MDE approves the performance of weekly air sparge events on monitoring well MW-03; weekly groundwater sampling of monitoring wells MW-03 and MW-05; and, reduction in the frequency of potable water sampling for the Jacksonville Veterinarian Hospital from weekly to monthly.
- October 30, 2007 - the MDE releases BP from any further corrective action to provide potable water at the Bradford Bank property.
- Carbon changes at the BP station are performed on November 8, 2007 and October 21, 2008.
- November 12, 2007 – URS submitted a letter regarding the observation of an apparent onsite surface spill and elevated photo ionization detector (PID) readings in tank field wells to the MDE.
- December 6, 2007 - weekly air sparge events on monitoring well MW-03, weekly monitoring well gauging, and weekly groundwater sampling of monitoring wells MW-03 and MW-05 commences.

- April 30, 2008 - the MDE visits the site and documents staining from an apparent surface spill in a Report of Observations. The MDE requires no follow-up action.
- June 10, 2008 - URS reports a stain on the pavement near a dispenser, resulting from a suspected surface spill, to the MDE. On June 11, 2008, URS submits photographs of the stain to the MDE, which depicted the stain in the immediate vicinity of monitoring well MW-03.
- June 12, 2008 - URS on behalf of BP submits a *Remedial Technology Modification Request Work Plan* to the MDE. The work plan proposed to cease weekly sparge operations, to place oxygen release compound (ORC) in three monitoring wells, to collect baseline microbial geochemical groundwater samples, and to collect quarterly geochemical groundwater samples henceforth.
- July 16, 2008 - the MDE approves the *Remedial Technology Modification Request Work Plan* and weekly sparging of monitoring well MW-03 ceased.
- July 17, 2008 – URS collects baseline microbial samples from monitoring wells MW-03, MW-05 and MW-06, as well as baseline geochemical samples from all monitoring wells.
- August 19 and 20, 2008 – URS installs Oxygen Release Compound (ORC®) filter socks in monitoring wells MW-03, MW-05, and MW-06.
- February 12, 2009 - URS submits an *Evaluation of Remedial Activities* letter to the MDE, summarizing results from the first six months of ORC amendments, and recommending continued ORC application without nutrient amendments.

2.0 WORK PERFORMED

- URS collected potable drinking water samples from the potable water carbon treatment systems at the Jacksonville Veterinarian Hospital located at 14240 Jarrettsville Pike and at the site on April 9, May 12, and June 18, 2009.
- Monthly monitoring well gauging events were conducted on April 9, May 12, and June 18, 2009. All seven (7) monitoring wells and all four (4) tank field wells were gauged during the monthly gauging events. The tank field wells were found to be dry during the gauging events except for TF-03 on June 18, 2009. Liquid phase hydrocarbons were not detected in any of the wells gauged during the reporting period. A Well Gauge Report including data collected from January 2005 through June 30, 2009 is provided in **Table 1**.
- The quarterly groundwater sampling event was conducted on April 9, 2009. All seven (7) monitoring wells and four (4) tank field wells were gauged prior to sampling. After removing approximately three volumes of standing water from each well, groundwater samples were collected from the seven (7) monitoring wells via a dedicated, plastic disposable bailer and string. The samples were placed into laboratory provided bottleware, labeled, packed on ice, and submitted to Accutest Laboratories of Dayton, New Jersey (Accutest) under chain-of-custody for analysis of full list volatile organic compounds via EPA Method 8260B, dissolved oxygen via method SM20 4500 OG, total iron via method SW846 3010A, ferrous iron via method SM20 3500FEB, nitrate via method EPA 353.2/SM4500NO2B, nitrate + nitrite via method EPA 353.2/LACHAT, nitrite via method SM19 4500 NO2B, sulfate via method EPA 300/SW846 9056; and sulfide via method SM20 4500S2 F. The laboratory analytical results from the second quarter 2009 sampling event are summarized in **Table 2**. Historical volatile organic compound groundwater concentrations are summarized in **Table 3**. A summary of the geochemical analytical results is provided in **Table 4**.
- In conjunction with the quarterly sampling event, URS collected field measurements of groundwater temperature, dissolved oxygen, acidity, conductivity, and oxidation-reduction potential in the seven (7) onsite monitoring wells with a calibrated water quality meter, after purging three volumes of standing water from each monitoring well. A summary of the field measurements is provided in **Table 5**.
- On May 5, 2009 URS on behalf of BP submitted a *Potable Well Transfer Request* to the MDE.

- The Site Plan, a Contoured Groundwater Elevation Map, and an MTBE Isoconcentration Map based on the April 9, 2009 groundwater sampling results are presented in this report as **Figures 1, 2, and 3**, respectively. Laboratory analytical reports are provided in **Appendix A**.
- Graphs depicting the average groundwater elevation over time, MTBE concentrations in select monitoring wells, and select field measurements are provided in this report.

3.0 POTABLE WELL SAMPLING RESULTS

- Monthly sampling of the on-site potable drinking water well was conducted on April 9, April 28, May 12, and June 18, 2009. The samples collected from the "influent" (raw water), "mid" (between the second and third of the four treatment vessels) and "effluent" (after treatment), were submitted to Accutest for analysis of volatile organic compounds via EPA method 524.2. MTBE was detected in the "influent" samples collected in April, May, and June at concentrations of 0.00088 mg/L, 0.00050 mg/L, 0.00033 mg/L and 0.0018 mg/L, respectively. MTBE was detected in the "effluent" sample collected on April 9, 2009 at a concentration of 0.000091 mg/L. A confirmation sample was collected on April 28, 2009. No compounds were detected above method detection limits in the "effluent" samples collected on April 29, nor in those collected in May and June of 2009.
- Monthly samples from the potable water treatment system in the Jacksonville Veterinarian Hospital, located at 14240 Jarrettsville Pike, Phoenix, Maryland, were collected on April 9, May 12, and June 18, 2009. The samples collected from the "influent" (raw water), "mid" (between the second and third of the four treatment vessels) and "effluent" (after treatment), were submitted to Accutest for analysis of volatile organic compounds via EPA method 524.2. MTBE was detected in the "influent" samples collected in April, May and June at concentrations of 0.0932 mg/L, 0.0779 mg/L, and 0.124 mg/L, respectively. No gasoline related compounds were detected above the method detection limits in the "effluent" samples collected this reporting period.
- The analytical results and laboratory reports were submitted to the MDE under separate cover.

4.0 MONITORING WELL SAMPLING RESULTS

- The laboratory analytical results indicate that the only detectable benzene, toluene, ethylbenzene and total xylenes (BTEX) compounds detected were benzene at 0.00058 mg/L and total xylenes at 0.00055 mg/L exhibited in monitoring well MW-04.
- The maximum MTBE concentration was 0.169 mg/L exhibited in monitoring well MW-05. Monitoring well MW-3 exhibited a MTBE concentration of 0.126 mg/L. Low-level MTBE concentrations were detected in monitoring wells MW-2R (0.0025 mg/L), MW-04 (0.0087 mg/L) and MW-06 (0.0012 mg/L).
- Field measurements as well as laboratory analytical results indicate the presence of dissolved oxygen (DO) in all seven (7) monitoring wells. The field measurements of April 9, 2009 indicate dissolved oxygen ranging from 10.91 mg/L in MW-01R to 19.19 mg/L in MW-05. The laboratory measurements indicated dissolved oxygen ranging from 3.5 mg/L in MW-07 to 14 mg/L in MW-03.
- Nitrate was detected in all seven (7) groundwater samples in concentrations ranging from 0.91 mg/L (MW-07) to 11.8 mg/L (MW-03). Nitrite was detected in one groundwater sample collected from monitoring well MW-04 in a concentration of 0.12 mg/L.
- Sulfate was detected in groundwater samples collected from MW-06 and MW-07 in concentrations of 101 and 18.7 mg/L, respectively. Other sample results did not exceed the laboratory reporting limit of 10 mg/L.
- No sulfide was detected in any of the groundwater samples above the laboratory reporting limit of 2 mg/L.

5.0 FREE PRODUCT RECOVERY

- LPH were not detected in any monitoring or tank field wells during this reporting period.
- To date, approximately 2.75 gallons of LPH have been recovered from the site, including 2.44-gallons recovered by the SVE system and 0.31-gallons recovered via HEAT.

6.0 PROJECT STATUS

- Monthly potable well sampling and carbon treatment maintenance at the Jacksonville Veterinarian Hospital;
- Monthly potable well sampling, carbon treatment maintenance, and bottled water supply for the BP site;
- Monthly potable well sampling results reporting (BP site and Jacksonville Veterinarian Hospital);
- Monthly groundwater gauging of 7 monitoring wells and 4 tank field wells;
- Quarterly groundwater sampling of 7 monitoring wells, including full suite VOCs and geochemical parameters;
- Quarterly reporting; and
- Enhanced bioremediation via ORC filter socks deployed in monitoring wells MW-03, MW-04 and MW-05.

7.0 DATA REVIEW AND RECOMMENDATIONS

- URS will continue to gauge all on-site monitoring wells monthly and collect groundwater samples on a quarterly basis.
- Monthly potable samples will continue to be collected at the Jacksonville Veterinarian Hospital and at the service station until a written request is received from the MDE in response to URS' May 5, 2009 letter.
- MTBE concentrations in monitoring wells MW-03 and MW-04 increased after January 2006; however, the concentrations in these two monitoring wells currently continue to exhibit a decreasing trend. Monitoring wells MW-03 and MW-04 are the two monitoring wells in closest proximity to the "Jacksonville ExxonMobil" spill site where a release of approximately 26,500 gallons of gasoline occurred in January and February 2006.
- During the reporting period, dissolved MTBE concentrations exceeding the Maryland cleanup standard for Type I and II aquifers of 0.02 mg/L were detected in groundwater samples collected from monitoring well MW-03 and MW-05 at concentrations of 0.126 and 0.169 mg/L, respectively. The groundwater samples collected from the other site monitoring wells did not contain MTBE in concentrations exceeding cleanup standards. MTBE concentrations in these two wells have been decreasing since ORC implementation.
- No compounds other than MTBE were detected in concentrations exceeding Maryland cleanup standards, in any of the groundwater samples collected during the reporting period.
- Dissolved oxygen levels have increased after the installation of ORC in monitoring wells MW-03, MW-05 and MW-06. The increased dissolved oxygen levels are likely to enhance the further biological degradation of MTBE.

ATTACHMENTS

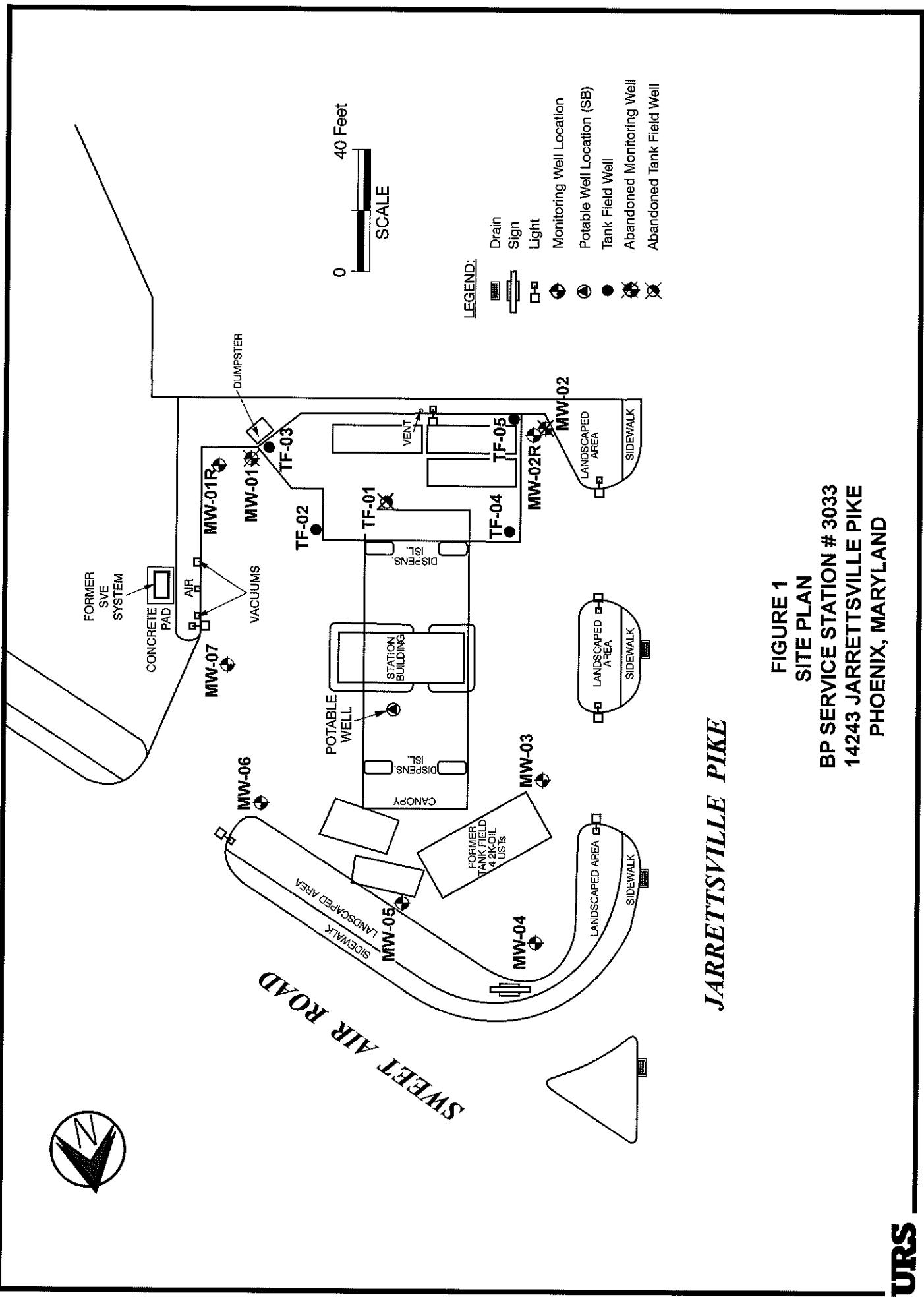
Figures

- Table 1 Well Gauge Report
Table 2 Groundwater Analytical Results Summary
Table 3 Historical Groundwater Analytical Summary
Table 4 Geochemical Analytical Summary
Table 5 Field Parameters Summary

Graphs

- Appendix A Laboratory Analytical Reports

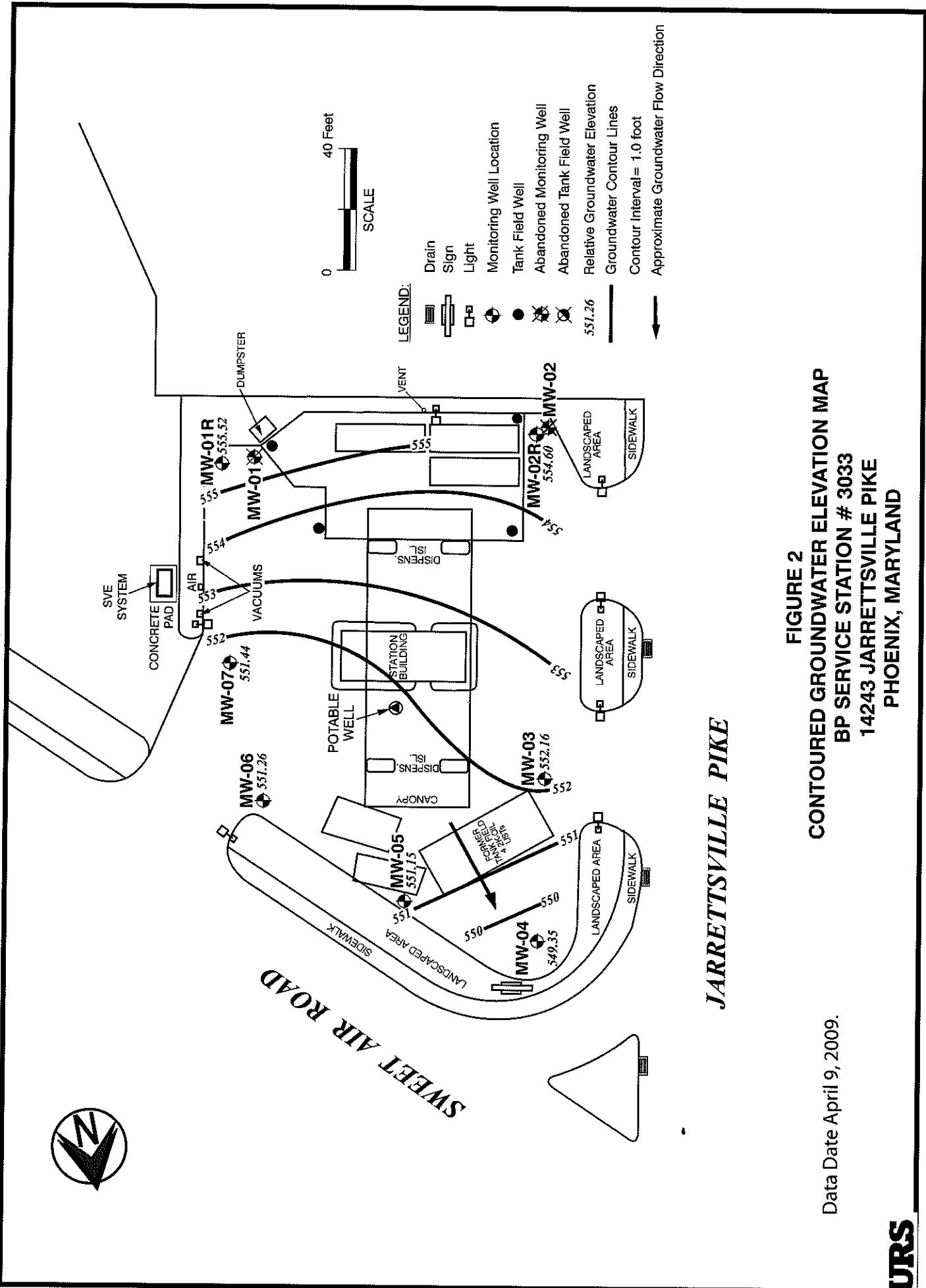
FIGURES

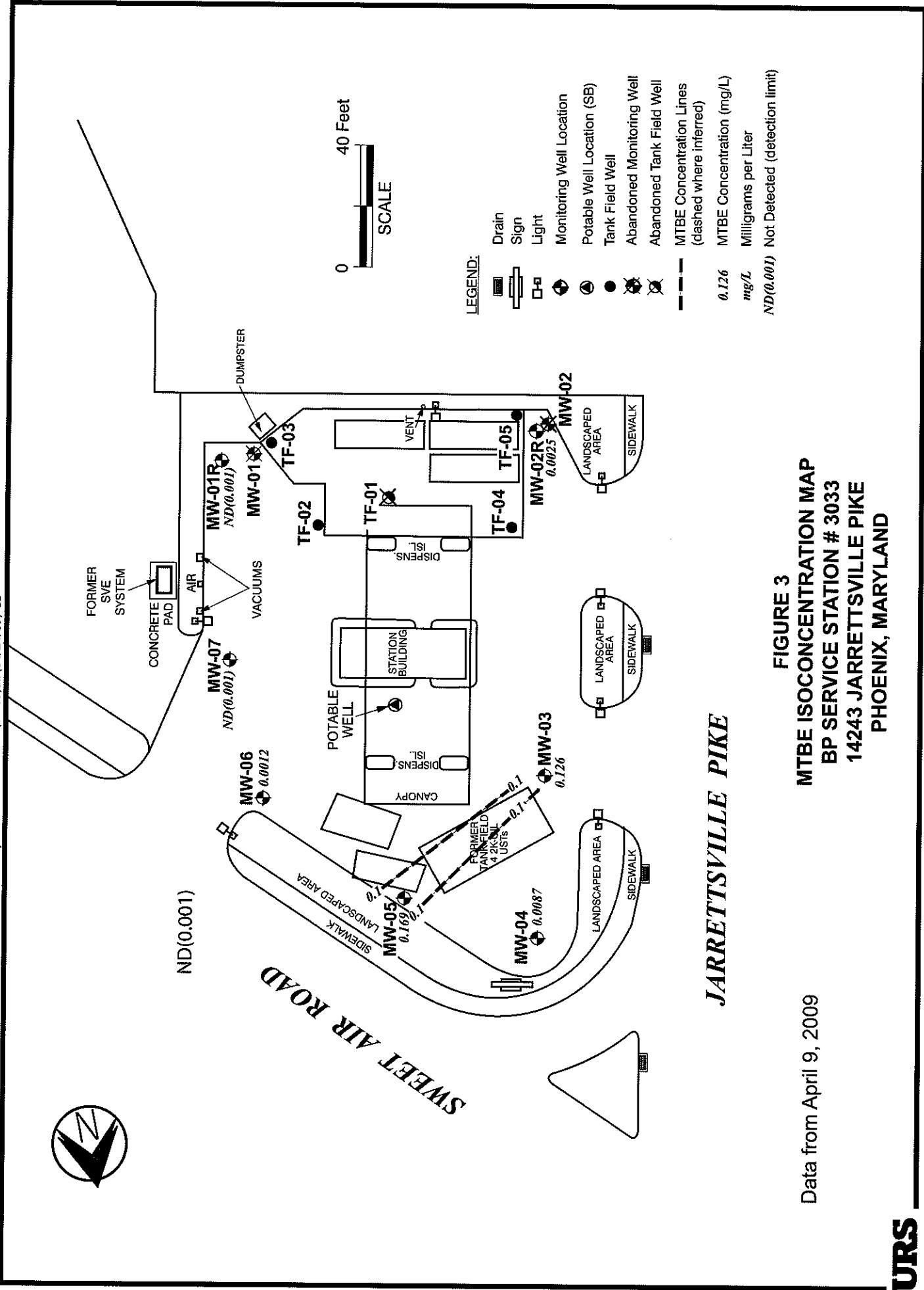


JARRETSVILLE PIKE

FIGURE 1
SITE PLAN
BP SERVICE STATION # 3033
14243 JARRETTSVILLE PIKE
PHOENIX, MARYLAND

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Data from April 9, 2009

FIGURE 3
MTBE ISOCONCENTRATION MAP
BP SERVICE STATION # 3033
14243 JARRETTSVILLE PIKE
PHOENIX, MARYLAND

Table 1

Monitoring Well Gauge Report

(January 2005 through June 2009)

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-01R						
	1/27/2005		Well Not Gauged - Well Inaccessible			
	3/30/2005	ND	31.08	ND	558.47	558.47
	4/13/2005	ND	30.65	ND	558.90	558.90
	5/10/2005	ND	28.60	ND	560.95	560.95
	6/22/2005	ND	29.41	ND	560.14	560.14
	7/18/2005	ND	29.41	ND	560.14	560.14
	8/4/2005	ND	29.58	ND	559.97	559.97
	8/23/2005	ND	31.75	ND	557.80	557.80
	10/21/2005	ND	34.17	ND	555.38	555.38
	12/9/2005		Well Not Gauged - Well Inaccessible			
	1/23/2006	ND	33.15	ND	556.40	556.40
	2/21/2006	ND	31.98	ND	557.57	557.57
	2/22/2006	ND	31.93	ND	557.62	557.62
	2/23/2006	ND	31.88	ND	557.67	557.67
	3/27/2006	ND	30.65	ND	558.90	558.90
	4/17/2006	ND	30.55	ND	559.00	559.00
	5/15/2006	ND	30.99	ND	558.56	558.56
	6/19/2006	ND	31.41	ND	558.14	558.14
	7/24/2006	ND	31.20	ND	558.35	558.35
	8/21/2006	ND	30.86	ND	558.69	558.69
	9/11/2006	ND	31.08	ND	558.47	558.47
	10/23/2006	ND	31.36	ND	558.19	558.19
	11/21/2006	ND	31.11	ND	558.44	558.44
	12/18/2006	ND	31.26	ND	558.29	558.29
	1/15/2007	ND	30.98	ND	558.57	558.57
	2/26/2007	ND	30.98	ND	558.57	558.57
	3/19/2007	ND	31.15	ND	558.40	558.40
	4/24/2007	ND	30.54	ND	559.01	559.01
	5/21/2007	ND	30.36	ND	559.19	559.19
	6/18/2007	ND	30.62	ND	558.93	558.93
	7/25/2007	ND	31.51	ND	558.04	558.04
	8/20/2007	ND	32.05	ND	557.50	557.50
	9/17/2007	ND	32.54	ND	557.01	557.01
	10/15/2007	ND	32.98	ND	556.57	556.57
	11/8/2007	ND	33.19	ND	556.36	556.36
	12/6/2007	ND	33.63	ND	555.92	555.92
	12/13/2007	ND	33.67	ND	555.88	555.88
	12/19/2007	ND	33.74	ND	555.81	555.81
	12/26/2007	ND	33.78	ND	555.77	555.77

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-01R						
	1/3/2008	ND	33.83	ND	555.72	555.72
	1/11/2008	ND	33.83	ND	555.72	555.72
	1/17/2008	ND	33.93	ND	555.62	555.62
	1/22/2008	ND	33.93	ND	555.62	555.62
	1/24/2008	ND	33.94	ND	555.61	555.61
	1/31/2008	ND	34.01	ND	555.54	555.54
	2/5/2008	ND	33.95	ND	555.60	555.60
	2/12/2008	ND	34.02	ND	555.53	555.53
	2/19/2008	ND	34.01	ND	555.54	555.54
	2/26/2008	ND	33.98	ND	555.57	555.57
	3/4/2008	ND	33.99	ND	555.56	555.56
	3/11/2008	ND	34.00	ND	555.55	555.55
	3/18/2008	ND	33.95	ND	555.60	555.60
	3/25/2008	ND	34.84	ND	554.71	554.71
	4/2/2008	ND	33.72	ND	555.83	555.83
	4/8/2008	ND	34.85	ND	554.70	554.70
	4/15/2008	ND	33.58	ND	555.97	555.97
	4/17/2008	ND	33.53	ND	556.02	556.02
	4/22/2008	ND	33.53	ND	556.02	556.02
	4/30/2008	ND	33.37	ND	556.18	556.18
	5/6/2008	ND	33.26	ND	556.29	556.29
	5/13/2008	ND	33.15	ND	556.40	556.40
	5/20/2008	ND	32.99	ND	556.56	556.56
	5/27/2008	ND	32.91	ND	556.64	556.64
	6/3/2008	ND	32.67	ND	556.88	556.88
	6/10/2008	ND	33.01	ND	556.54	556.54
	6/17/2008	ND	32.39	ND	557.16	557.16
	6/24/2008	ND	32.28	ND	557.27	557.27
	7/1/2008	ND	32.13	ND	557.42	557.42
	7/10/2008	ND	32.08	ND	557.47	557.47
	7/15/2008	ND	32.07	ND	557.48	557.48
	7/17/2008	ND	32.12	ND	557.43	557.43
	7/22/2008	ND	32.06	ND	557.49	557.49
	8/19/2008	ND	32.30	ND	557.25	557.25
	9/16/2008	ND	32.54	ND	557.01	557.01
	10/1/2008	ND	32.84	ND	556.71	556.71
	11/18/2008	ND	33.30	ND	556.25	556.25
	12/2/2008	ND	33.50	ND	556.05	556.05
	1/8/2009	ND	33.76	ND	555.79	555.79

Notes:

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Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-01R						
	2/3/2009	ND	33.85	ND	555.70	555.70
	3/10/2009	ND	33.97	ND	555.58	555.58
	4/9/2009	ND	34.03	ND	555.52	555.52
	5/12/2009	ND	33.55	ND	556.00	556.00
	6/18/2009	ND	32.64	ND	556.91	556.91
MW-02R						
	1/27/2005	ND	32.65	ND	554.55	554.55
	3/30/2005	ND	29.73	ND	557.47	557.47
	4/13/2005	ND	29.15	ND	558.05	558.05
	5/10/2005	ND	27.53	ND	559.67	559.67
	6/22/2005	ND	28.13	ND	559.07	559.07
	7/18/2005	ND	28.13	ND	559.07	559.07
	8/4/2005	ND	28.18	ND	559.02	559.02
	8/23/2005	ND	30.18	ND	557.02	557.02
	10/21/2005	ND	32.93	ND	554.27	554.27
	12/9/2005	Well Not Gauged - Well Inaccessible				
	1/23/2006	ND	31.65	ND	555.55	555.55
	2/21/2006	ND	30.67	ND	556.53	556.53
	2/22/2006	ND	30.66	ND	556.54	556.54
	2/23/2006	ND	30.61	ND	556.59	556.59
	3/27/2006	ND	30.25	ND	556.95	556.95
	4/17/2006	ND	32.70	ND	554.50	554.50
	5/15/2006	ND	30.51	ND	556.69	556.69
	6/19/2006	ND	30.31	ND	556.89	556.89
	7/24/2006	ND	29.74	ND	557.46	557.46
	8/21/2006	ND	29.64	ND	557.56	557.56
	9/11/2006	ND	29.81	ND	557.39	557.39
	10/23/2006	ND	29.99	ND	557.21	557.21
	11/21/2006	ND	30.01	ND	557.19	557.19
	12/18/2006	ND	29.88	ND	557.32	557.32
	1/15/2007	ND	29.67	ND	557.53	557.53
	2/26/2007	ND	29.91	ND	557.29	557.29
	3/19/2007	ND	29.87	ND	557.33	557.33
	4/24/2007	ND	29.20	ND	558.00	558.00
	5/21/2007	ND	29.31	ND	557.89	557.89
	6/18/2007	ND	29.54	ND	557.66	557.66
	7/25/2007	ND	31.32	ND	555.88	555.88
	8/20/2007	ND	30.85	ND	556.35	556.35

Notes:

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Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-02R						
	9/17/2007	ND	31.28	ND	555.92	555.92
	10/15/2007	ND	31.50	ND	555.70	555.70
	11/8/2007	ND	32.11	ND	555.09	555.09
	12/6/2007	ND	32.13	ND	555.07	555.07
	12/13/2007	ND	32.11	ND	555.09	555.09
	12/19/2007	ND	32.22	ND	554.98	554.98
	12/26/2007	ND	32.18	ND	555.02	555.02
	1/3/2008	ND	32.25	ND	554.95	554.95
	1/11/2008	ND	32.63	ND	554.57	554.57
	1/17/2008	ND	33.20	ND	554.00	554.00
	1/22/2008	ND	32.37	ND	554.83	554.83
	1/24/2008	ND	32.30	ND	554.90	554.90
	1/31/2008	ND	32.33	ND	554.87	554.87
	2/5/2008	ND	32.27	ND	554.93	554.93
	2/12/2008	ND	32.33	ND	554.87	554.87
	2/19/2008	ND	32.30	ND	554.90	554.90
	2/26/2008	ND	32.21	ND	554.99	554.99
	3/4/2008	ND	32.36	ND	554.84	554.84
	3/11/2008	ND	32.30	ND	554.90	554.90
	3/18/2008	ND	32.20	ND	555.00	555.00
	3/25/2008	ND	32.08	ND	555.12	555.12
	4/2/2008	ND	31.96	ND	555.24	555.24
	4/8/2008	ND	32.11	ND	555.09	555.09
	4/15/2008	ND	32.03	ND	555.17	555.17
	4/17/2008	ND	31.92	ND	555.28	555.28
	4/22/2008	ND	32.00	ND	555.20	555.20
	4/30/2008	ND	31.79	ND	555.41	555.41
	5/6/2008	ND	31.73	ND	555.47	555.47
	5/13/2008	ND	31.64	ND	555.56	555.56
	5/20/2008	ND	31.51	ND	555.69	555.69
	5/27/2008	ND	31.43	ND	555.77	555.77
	6/3/2008	ND	31.12	ND	556.08	556.08
	6/10/2008	ND	31.40	ND	555.80	555.80
	6/17/2008	ND	30.98	ND	556.22	556.22
	6/24/2008	ND	30.93	ND	556.27	556.27
	7/1/2008	ND	30.84	ND	556.36	556.36
	7/10/2008	ND	31.18	ND	556.02	556.02
	7/15/2008	ND	31.01	ND	556.19	556.19
	7/17/2008	ND	31.20	ND	556.00	556.00

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-02R						
	7/22/2008	ND	30.97	ND	556.23	556.23
	8/19/2008	ND	31.05	ND	556.15	556.15
	9/16/2008	ND	31.20	ND	556.00	556.00
	10/1/2008	ND	31.68	ND	555.52	555.52
	11/18/2008	ND	31.93	ND	555.27	555.27
	12/2/2008	ND	32.06	ND	555.14	555.14
	1/8/2009	ND	32.12	ND	555.08	555.08
	2/3/2009	ND	32.23	ND	554.97	554.97
	3/10/2009	ND	32.43	ND	554.77	554.77
	4/9/2009	ND	32.60	ND	554.60	554.60
	5/12/2009	ND	31.77	ND	555.43	555.43
	6/18/2009	ND	31.26	ND	555.94	555.94
MW-03						
	1/27/2005	ND	30.95	ND	555.22	555.22
	3/30/2005	ND	31.27	ND	554.90	554.90
	4/13/2005	ND	31.02	ND	555.15	555.15
	5/10/2005	ND	30.51	ND	555.66	555.66
	6/22/2005	ND	31.67	ND	554.50	554.50
	7/18/2005	ND	31.67	ND	554.50	554.50
	8/4/2005	ND	31.83	ND	554.34	554.34
	8/23/2005	ND	30.75	ND	555.42	555.42
	10/21/2005	ND	30.07	ND	556.10	556.10
	12/9/2005	ND	30.74	ND	555.43	555.43
	1/23/2006	ND	31.38	ND	554.79	554.79
	2/21/2006	ND	31.12	ND	555.05	555.05
	2/22/2006	ND	31.14	ND	555.03	555.03
	2/23/2006	ND	31.09	ND	555.08	555.08
	3/27/2006	ND	31.11	ND	555.06	555.06
	4/17/2006	ND	31.08	ND	555.09	555.09
	5/15/2006	ND	31.13	ND	555.04	555.04
	6/19/2006	ND	31.40	ND	554.77	554.77
	7/24/2006	ND	31.20	ND	554.97	554.97
	8/21/2006	ND	31.33	ND	554.84	554.84
	9/11/2006	ND	31.48	ND	554.69	554.69
	10/23/2006	ND	31.41	ND	554.76	554.76
	11/21/2006	ND	31.55	ND	554.62	554.62
	12/18/2006	ND	31.39	ND	554.78	554.78
	1/15/2007	ND	31.38	ND	554.79	554.79

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-03						
	2/26/2007		Well Not Gauged - Well Inaccessible			
	3/19/2007	ND	31.51	ND	554.66	554.66
	4/24/2007	ND	31.26	ND	554.91	554.91
	5/21/2007	ND	31.33	ND	554.84	554.84
	6/18/2007	ND	31.45	ND	554.72	554.72
	7/25/2007	ND	31.77	ND	554.40	554.40
	8/20/2007	ND	31.90	ND	554.27	554.27
	9/17/2007	ND	32.16	ND	554.01	554.01
	10/15/2007	ND	32.43	ND	553.74	553.74
	11/8/2007	ND	32.51	ND	553.66	553.66
	12/6/2007	ND	32.68	ND	553.49	553.49
	12/13/2007	ND	32.72	ND	553.45	553.45
	12/19/2007	ND	32.76	ND	553.41	553.41
	12/26/2007	ND	32.72	ND	553.45	553.45
	1/3/2008	ND	32.83	ND	553.34	553.34
	1/11/2008	ND	32.76	ND	553.41	553.41
	1/17/2008	ND	32.86	ND	553.31	553.31
	1/22/2008	ND	32.81	ND	553.36	553.36
	1/24/2008	ND	32.83	ND	553.34	553.34
	1/31/2008	ND	32.89	ND	553.28	553.28
	2/5/2008	ND	32.83	ND	553.34	553.34
	2/12/2008	ND	32.90	ND	553.27	553.27
	2/19/2008	ND	32.80	ND	553.37	553.37
	2/26/2008	ND	32.80	ND	553.37	553.37
	3/4/2008	ND	32.80	ND	553.37	553.37
	3/11/2008	ND	32.80	ND	553.37	553.37
	3/18/2008	ND	32.79	ND	553.38	553.38
	3/25/2008	ND	32.72	ND	553.45	553.45
	4/2/2008	ND	32.71	ND	553.46	553.46
	4/8/2008	ND	32.72	ND	553.45	553.45
	4/15/2008	ND	32.63	ND	553.54	553.54
	4/17/2008	ND	32.65	ND	553.52	553.52
	4/22/2008	ND	32.61	ND	553.56	553.56
	4/30/2008	ND	32.55	ND	553.62	553.62
	5/6/2008	ND	32.49	ND	553.68	553.68
	5/13/2008	ND	32.47	ND	553.70	553.70
	5/20/2008	ND	32.33	ND	553.84	553.84
	5/27/2008	ND	32.23	ND	553.94	553.94
	6/3/2008	ND	32.19	ND	553.98	553.98

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-03						
	6/10/2008	ND	32.14	ND	554.03	554.03
	6/17/2008	ND	32.09	ND	554.08	554.08
	6/24/2008	ND	32.05	ND	554.12	554.12
	7/1/2008	ND	32.02	ND	554.15	554.15
	7/10/2008	ND	31.97	ND	554.20	554.20
	7/15/2008	ND	31.91	ND	554.26	554.26
	7/17/2008	ND	31.96	ND	554.21	554.21
	7/22/2008	ND	31.79	ND	554.38	554.38
	8/19/2008	ND	31.89	ND	554.28	554.28
	9/16/2008	ND	32.09	ND	554.08	554.08
	10/1/2008	ND	32.21	ND	553.96	553.96
	11/18/2008	ND	32.41	ND	553.76	553.76
	12/2/2008	ND	32.55	ND	553.62	553.62
	1/8/2009	ND	32.60	ND	553.57	553.57
	2/3/2009	ND	32.70	ND	553.47	553.47
	3/10/2009	ND	32.81	ND	553.36	553.36
	4/9/2009	ND	34.01	ND	552.16	552.16
	5/12/2009	ND	32.42	ND	553.75	553.75
	6/18/2009	ND	31.84	ND	554.33	554.33
MW-04						
	1/27/2005	ND	35.95	ND	551.00	551.00
	3/30/2005	ND	36.00	ND	550.95	550.95
	4/13/2005	ND	34.93	ND	552.02	552.02
	5/10/2005	ND	35.22	ND	551.73	551.73
	6/22/2005	ND	33.41	ND	553.54	553.54
	7/18/2005	ND	33.41	ND	553.54	553.54
	8/4/2005	ND	33.64	ND	553.31	553.31
	8/23/2005	ND	36.00	ND	550.95	550.95
	10/21/2005	ND	35.95	ND	551.00	551.00
	12/9/2005	Well Not Gauged - Well Inaccessible				
	1/23/2006	ND	35.90	ND	551.05	551.05
	2/21/2006	ND	35.53	ND	551.42	551.42
	2/22/2006	ND	35.52	ND	551.43	551.43
	2/23/2006	ND	35.50	ND	551.45	551.45
	3/27/2006	ND	36.23	ND	550.72	550.72
	4/17/2006	ND	36.44	ND	550.51	550.51
	5/15/2006	ND	36.63	ND	550.32	550.32
	6/19/2006	ND	36.91	ND	550.04	550.04

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-04						
	7/24/2006	ND	36.63	ND	550.32	550.32
	8/21/2006	ND	36.56	ND	550.39	550.39
	9/11/2006	ND	36.66	ND	550.29	550.29
	10/23/2006	ND	36.63	ND	550.32	550.32
	11/21/2006	ND	36.98	ND	549.97	549.97
	12/18/2006	ND	36.49	ND	550.46	550.46
	1/15/2007	ND	36.41	ND	550.54	550.54
	2/26/2007	ND	36.67	ND	550.28	550.28
	3/19/2007	ND	36.61	ND	550.34	550.34
	4/24/2007	ND	36.30	ND	550.65	550.65
	5/21/2007	ND	36.35	ND	550.60	550.60
	6/18/2007	ND	36.48	ND	550.47	550.47
	7/25/2007	ND	36.79	ND	550.16	550.16
	8/20/2007	ND	37.01	ND	549.94	549.94
	9/17/2007	ND	37.19	ND	549.76	549.76
	10/15/2007	ND	37.37	ND	549.58	549.58
	11/8/2007	ND	36.98	ND	549.97	549.97
	12/6/2007	ND	37.55	ND	549.40	549.40
	12/13/2007	ND	37.52	ND	549.43	549.43
	12/19/2007	ND	37.53	ND	549.42	549.42
	12/26/2007	ND	37.48	ND	549.47	549.47
	1/3/2008	ND	37.50	ND	549.45	549.45
	1/11/2008	ND	37.46	ND	549.49	549.49
	1/17/2008	ND	37.55	ND	549.40	549.40
	1/22/2008	ND	37.53	ND	549.42	549.42
	1/24/2008	ND	37.55	ND	549.40	549.40
	1/31/2008	ND	37.63	ND	549.32	549.32
	2/5/2008	ND	37.61	ND	549.34	549.34
	2/12/2008	ND	37.59	ND	549.36	549.36
	2/19/2008	ND	37.56	ND	549.39	549.39
	2/26/2008	ND	37.54	ND	549.41	549.41
	3/4/2008	ND	37.54	ND	549.41	549.41
	3/11/2008	ND	37.56	ND	549.39	549.39
	3/18/2008	ND	37.58	ND	549.37	549.37
	3/25/2008	ND	37.53	ND	549.42	549.42
	4/2/2008	ND	37.49	ND	549.46	549.46
	4/8/2008	ND	37.51	ND	549.44	549.44
	4/15/2008	ND	37.48	ND	549.47	549.47
	4/17/2008	ND	37.45	ND	549.50	549.50

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-04						
	4/22/2008	ND	37.44	ND	549.51	549.51
	4/30/2008	ND	37.38	ND	549.57	549.57
	5/6/2008	ND	37.33	ND	549.62	549.62
	5/13/2008	ND	37.33	ND	549.62	549.62
	5/20/2008	ND	37.20	ND	549.75	549.75
	5/27/2008	ND	37.12	ND	549.83	549.83
	6/3/2008	ND	37.10	ND	549.85	549.85
	6/10/2008	ND	36.99	ND	549.96	549.96
	6/17/2008	ND	37.03	ND	549.92	549.92
	6/24/2008	ND	36.99	ND	549.96	549.96
	7/1/2008	ND	36.96	ND	549.99	549.99
	7/10/2008	ND	36.91	ND	550.04	550.04
	7/15/2008	ND	36.89	ND	550.06	550.06
	7/17/2008	ND	36.87	ND	550.08	550.08
	7/22/2008	ND	36.87	ND	550.08	550.08
	8/19/2008	ND	36.89	ND	550.06	550.06
	9/16/2008	ND	36.98	ND	549.97	549.97
	10/1/2008	ND	37.04	ND	549.91	549.91
	11/18/2008	ND	37.27	ND	549.68	549.68
	12/2/2008	ND	37.33	ND	549.62	549.62
	1/8/2009	ND	37.41	ND	549.54	549.54
	2/3/2009	ND	37.44	ND	549.51	549.51
	3/10/2009	ND	37.57	ND	549.38	549.38
	4/9/2009	ND	37.60	ND	549.35	549.35
	5/12/2009	ND	37.28	ND	549.67	549.67
	6/18/2009	ND	37.02	ND	549.93	549.93
MW-05						
	1/27/2005	ND	32.30	ND	555.15	555.15
	3/30/2005	ND	32.55	ND	554.90	554.90
	4/13/2005	ND	32.25	ND	555.20	555.20
	5/10/2005	ND	31.71	ND	555.74	555.74
	6/22/2005	ND	31.80	ND	555.65	555.65
	7/18/2005	ND	31.80	ND	555.65	555.65
	8/4/2005	ND	31.92	ND	555.53	555.53
	8/23/2005	ND	32.10	ND	555.35	555.35
	10/21/2005	ND	32.06	ND	555.39	555.39
	12/9/2005	ND	32.16	ND	555.29	555.29
	1/23/2006	ND	32.72	ND	554.73	554.73

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-05						
	2/21/2006	ND	32.44	ND	555.01	555.01
	2/22/2006	ND	32.43	ND	555.02	555.02
	2/23/2006	ND	32.26	ND	555.19	555.19
	3/27/2006	ND	32.33	ND	555.12	555.12
	4/17/2006	ND	32.15	ND	555.30	555.30
	5/15/2006	ND	32.39	ND	555.06	555.06
	6/19/2006	ND	32.68	ND	554.77	554.77
	7/24/2006	ND	32.45	ND	555.00	555.00
	8/21/2006	ND	32.59	ND	554.86	554.86
	9/11/2006	ND	32.76	ND	554.69	554.69
	10/23/2006	ND	32.71	ND	554.74	554.74
	11/21/2006	ND	32.56	ND	554.89	554.89
	12/18/2006	ND	32.64	ND	554.81	554.81
	1/15/2007	ND	32.63	ND	554.82	554.82
	2/26/2007	ND	32.83	ND	554.62	554.62
	3/19/2007	ND	32.80	ND	554.65	554.65
	4/24/2007	ND	32.55	ND	554.90	554.90
	5/21/2007	ND	32.59	ND	554.86	554.86
	6/18/2007	ND	32.72	ND	554.73	554.73
	7/25/2007	ND	33.01	ND	554.44	554.44
	8/20/2007	ND	33.23	ND	554.22	554.22
	9/17/2007	ND	33.49	ND	553.96	553.96
	10/15/2007	ND	33.73	ND	553.72	553.72
	11/8/2007	ND	33.96	ND	553.49	553.49
	12/6/2007	ND	34.00	ND	553.45	553.45
	12/13/2007	ND	34.02	ND	553.43	553.43
	12/19/2007	ND	34.08	ND	553.37	553.37
	12/26/2007	ND	34.04	ND	553.41	553.41
	1/3/2008	ND	34.19	ND	553.26	553.26
	1/11/2008	ND	34.09	ND	553.36	553.36
	1/17/2008	ND	34.20	ND	553.25	553.25
	1/22/2008	ND	34.12	ND	553.33	553.33
	1/24/2008	ND	34.14	ND	553.31	553.31
	1/31/2008	ND	34.22	ND	553.23	553.23
	2/5/2008	ND	34.14	ND	553.31	553.31
	2/12/2008	ND	34.23	ND	553.22	553.22
	2/19/2008	ND	34.13	ND	553.32	553.32
	2/26/2008	ND	34.13	ND	553.32	553.32
	3/4/2008	ND	34.19	ND	553.26	553.26

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-05						
	3/11/2008	ND	34.13	ND	553.32	553.32
	3/18/2008	ND	34.15	ND	553.30	553.30
	3/25/2008	ND	34.07	ND	553.38	553.38
	4/2/2008	ND	34.18	ND	553.27	553.27
	4/8/2008	ND	34.07	ND	553.38	553.38
	4/15/2008	ND	34.00	ND	553.45	553.45
	4/17/2008	ND	34.01	ND	553.44	553.44
	4/22/2008	ND	33.97	ND	553.48	553.48
	4/30/2008	ND	33.93	ND	553.52	553.52
	5/6/2008	ND	33.87	ND	553.58	553.58
	5/13/2008	ND	33.81	ND	553.64	553.64
	5/20/2008	ND	33.72	ND	553.73	553.73
	5/27/2008	ND	33.64	ND	553.81	553.81
	6/3/2008	ND	33.52	ND	553.93	553.93
	6/10/2008	ND	33.52	ND	553.93	553.93
	6/17/2008	ND	33.42	ND	554.03	554.03
	6/24/2008	ND	33.40	ND	554.05	554.05
	7/1/2008	ND	33.35	ND	554.10	554.10
	7/10/2008	ND	33.32	ND	554.13	554.13
	7/15/2008	ND	33.22	ND	554.23	554.23
	7/17/2008	ND	33.23	ND	554.22	554.22
	7/22/2008	ND	33.08	ND	554.37	554.37
	8/19/2008	ND	33.21	ND	554.24	554.24
	9/16/2008	ND	33.43	ND	554.02	554.02
	10/1/2008	ND	33.50	ND	553.95	553.95
	11/18/2008	ND	33.74	ND	553.71	553.71
	12/2/2008	ND	33.88	ND	553.57	553.57
	1/8/2009	ND	33.92	ND	553.53	553.53
	2/3/2009	ND	34.02	ND	553.43	553.43
	3/10/2009	ND	34.16	ND	553.29	553.29
	4/9/2009	ND	36.30	ND	551.15	551.15
	5/12/2009	ND	33.86	ND	553.59	553.59
	6/18/2009	ND	33.18	ND	554.27	554.27
MW-06						
	1/27/2005	ND	31.35	ND	556.92	556.92
	3/30/2005	ND	31.34	ND	556.93	556.93
	4/13/2005	ND	31.00	ND	557.27	557.27
	5/10/2005	ND	29.81	ND	558.46	558.46

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-06						
	6/22/2005	ND	30.16	ND	558.11	558.11
	7/18/2005	ND	30.16	ND	558.11	558.11
	8/4/2005	ND	30.22	ND	558.05	558.05
	8/23/2005	ND	31.13	ND	557.14	557.14
	10/21/2005	ND	30.94	ND	557.33	557.33
	12/9/2005	ND	31.07	ND	557.20	557.20
	1/23/2006	ND	33.30	ND	554.97	554.97
	2/21/2006	ND	31.86	ND	556.41	556.41
	2/22/2006	ND	31.86	ND	556.41	556.41
	2/23/2006	ND	31.78	ND	556.49	556.49
	3/27/2006	ND	31.49	ND	556.78	556.78
	4/17/2006	ND	31.21	ND	557.06	557.06
	5/15/2006	ND	31.60	ND	556.67	556.67
	6/19/2006	ND	31.80	ND	556.47	556.47
	7/24/2006	ND	31.46	ND	556.81	556.81
	8/21/2006	ND	31.43	ND	556.84	556.84
	9/11/2006	ND	31.59	ND	556.68	556.68
	10/23/2006	ND	31.61	ND	556.66	556.66
	11/21/2006	ND	31.45	ND	556.82	556.82
	12/18/2006	ND	31.63	ND	556.64	556.64
	1/15/2007	ND	31.58	ND	556.69	556.69
	2/26/2007	ND	31.78	ND	556.49	556.49
	3/19/2007	ND	31.75	ND	556.52	556.52
	4/24/2007	ND	31.20	ND	557.07	557.07
	5/21/2007	ND	31.27	ND	557.00	557.00
	6/18/2007	ND	31.48	ND	556.79	556.79
	7/25/2007	ND	32.21	ND	556.06	556.06
	8/20/2007	ND	32.33	ND	555.94	555.94
	9/17/2007	ND	32.63	ND	555.64	555.64
	10/15/2007	ND	32.90	ND	555.37	555.37
	11/8/2007	ND	33.10	ND	555.17	555.17
	12/6/2007	ND	33.32	ND	554.95	554.95
	12/13/2007	ND	33.31	ND	554.96	554.96
	12/19/2007	ND	33.36	ND	554.91	554.91
	12/26/2007	ND	33.35	ND	554.92	554.92
	1/3/2008	ND	33.41	ND	554.86	554.86
	1/11/2008	ND	33.89	ND	554.38	554.38
	1/17/2008	ND	33.47	ND	554.80	554.80
	1/22/2008	ND	33.49	ND	554.78	554.78

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-06						
	1/24/2008	ND	33.45	ND	554.82	554.82
	1/31/2008	ND	33.51	ND	554.76	554.76
	2/5/2008	ND	33.46	ND	554.81	554.81
	2/12/2008	ND	33.52	ND	554.75	554.75
	2/19/2008	ND	33.48	ND	554.79	554.79
	2/26/2008	ND	33.43	ND	554.84	554.84
	3/4/2008	ND	33.52	ND	554.75	554.75
	3/11/2008	ND	33.48	ND	554.79	554.79
	3/18/2008	ND	33.43	ND	554.84	554.84
	3/25/2008	ND	33.36	ND	554.91	554.91
	4/2/2008	ND	33.31	ND	554.96	554.96
	4/8/2008	ND	33.38	ND	554.89	554.89
	4/15/2008	ND	33.32	ND	554.95	554.95
	4/17/2008	ND	33.27	ND	555.00	555.00
	4/22/2008	ND	33.30	ND	554.97	554.97
	4/30/2008	ND	33.16	ND	555.11	555.11
	5/6/2008	ND	33.10	ND	555.17	555.17
	5/13/2008	ND	33.05	ND	555.22	555.22
	5/20/2008	ND	32.96	ND	555.31	555.31
	5/27/2008	ND	32.84	ND	555.43	555.43
	6/3/2008	ND	32.71	ND	555.56	555.56
	6/10/2008	ND	32.77	ND	555.50	555.50
	6/17/2008	ND	32.57	ND	555.70	555.70
	6/24/2008	ND	32.52	ND	555.75	555.75
	7/1/2008	ND	32.43	ND	555.84	555.84
	7/10/2008	ND	32.52	ND	555.75	555.75
	7/15/2008	ND	32.47	ND	555.80	555.80
	7/17/2008	ND	32.53	ND	555.74	555.74
	7/22/2008	ND	32.27	ND	556.00	556.00
	8/19/2008	ND	32.26	ND	556.01	556.01
	9/16/2008	ND	32.54	ND	555.73	555.73
	10/1/2008	ND	32.80	ND	555.47	555.47
	11/18/2008	ND	33.07	ND	555.20	555.20
	12/2/2008	ND	33.22	ND	555.05	555.05
	1/8/2009	ND	33.30	ND	554.97	554.97
	2/3/2009	ND	33.38	ND	554.89	554.89
	3/10/2009	ND	32.74	ND	555.53	555.53
	4/9/2009	ND	37.01	ND	551.26	551.26
	5/12/2009	ND	33.17	ND	555.10	555.10

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-06						
	6/18/2009	ND	32.56	ND	555.71	555.71
MW-07						
	1/27/2005	ND	34.75	ND	554.99	554.99
	3/30/2005	ND	31.44	ND	558.30	558.30
	4/13/2005	ND	30.90	ND	558.84	558.84
	5/10/2005	ND	28.80	ND	560.94	560.94
	6/22/2005	ND	29.83	ND	559.91	559.91
	7/18/2005	ND	29.83	ND	559.91	559.91
	8/4/2005	ND	29.97	ND	559.77	559.77
	8/23/2005	ND	33.00	ND	556.74	556.74
	10/21/2005	ND	35.12	ND	554.62	554.62
	12/9/2005	ND	56.05	ND	533.69	533.69
	1/23/2006	ND	33.49	ND	556.25	556.25
	2/21/2006	ND	32.25	ND	557.49	557.49
	2/22/2006	ND	32.25	ND	557.49	557.49
	2/23/2006	ND	32.15	ND	557.59	557.59
	3/27/2006	ND	31.63	ND	558.11	558.11
	4/17/2006	ND	31.11	ND	558.63	558.63
	5/15/2006	ND	31.84	ND	557.90	557.90
	6/19/2006	ND	32.03	ND	557.71	557.71
	7/24/2006	ND	31.54	ND	558.20	558.20
	8/21/2006	ND	31.34	ND	558.40	558.40
	9/11/2006	ND	31.57	ND	558.17	558.17
	10/23/2006	ND	31.79	ND	557.95	557.95
	11/21/2006	ND	31.27	ND	558.47	558.47
	12/18/2006	ND	31.57	ND	558.17	558.17
	1/15/2007	ND	31.39	ND	558.35	558.35
	2/26/2007	ND	31.56	ND	558.18	558.18
	3/19/2007	ND	31.61	ND	558.13	558.13
	4/24/2007	ND	31.00	ND	558.74	558.74
	5/21/2007	ND	31.02	ND	558.72	558.72
	6/18/2007	ND	31.25	ND	558.49	558.49
	7/25/2007	ND	32.59	ND	557.15	557.15
	8/20/2007	ND	32.61	ND	557.13	557.13
	9/17/2007	ND	32.99	ND	556.75	556.75
	10/15/2007	ND	33.34	ND	556.40	556.40
	11/8/2007	ND	34.02	ND	555.72	555.72
	12/6/2007	ND	33.90	ND	555.84	555.84

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-07						
	12/13/2007	ND	33.93	ND	555.81	555.81
	12/19/2007	ND	34.05	ND	555.69	555.69
	12/26/2007	ND	34.02	ND	555.72	555.72
	1/3/2008	ND	34.08	ND	555.66	555.66
	1/11/2008	ND	34.23	ND	555.51	555.51
	1/17/2008	ND	34.20	ND	555.54	555.54
	1/22/2008	ND	34.22	ND	555.52	555.52
	1/24/2008	ND	34.22	ND	555.52	555.52
	1/31/2008	ND	34.24	ND	555.50	555.50
	2/5/2008	ND	34.21	ND	555.53	555.53
	2/12/2008	ND	34.25	ND	555.49	555.49
	2/19/2008	ND	34.22	ND	555.52	555.52
	2/26/2008	ND	34.21	ND	555.53	555.53
	3/4/2008	ND	34.27	ND	555.47	555.47
	3/11/2008	ND	34.26	ND	555.48	555.48
	3/18/2008	ND	34.20	ND	555.54	555.54
	3/25/2008	ND	34.04	ND	555.70	555.70
	4/2/2008	ND	33.92	ND	555.82	555.82
	4/8/2008	ND	34.03	ND	555.71	555.71
	4/15/2008	ND	33.83	ND	555.91	555.91
	4/17/2008	ND	33.78	ND	555.96	555.96
	4/22/2008	ND	33.86	ND	555.88	555.88
	4/30/2008	ND	33.62	ND	556.12	556.12
	5/6/2008	ND	33.53	ND	556.21	556.21
	5/13/2008	ND	33.43	ND	556.31	556.31
	5/20/2008	ND	33.31	ND	556.43	556.43
	5/27/2008	ND	33.21	ND	556.53	556.53
	6/3/2008	ND	32.96	ND	556.78	556.78
	6/10/2008	ND	33.26	ND	556.48	556.48
	6/17/2008	ND	32.76	ND	556.98	556.98
	6/24/2008	ND	32.67	ND	557.07	557.07
	7/1/2008	ND	32.55	ND	557.19	557.19
	7/10/2008	ND	32.85	ND	556.89	556.89
	7/15/2008	ND	32.67	ND	557.07	557.07
	7/17/2008	ND	32.89	ND	556.85	556.85
	7/22/2008	ND	32.67	ND	557.07	557.07
	8/19/2008	ND	32.75	ND	556.99	556.99
	9/16/2008	ND	32.93	ND	556.81	556.81
	10/1/2008	ND	33.39	ND	556.35	556.35

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
MW-07						
	11/18/2008	ND	33.63	ND	556.11	556.11
	12/2/2008	ND	33.81	ND	555.93	555.93
	1/8/2009	ND	33.93	ND	555.81	555.81
	2/3/2009	ND	34.10	ND	555.64	555.64
	3/10/2009	ND	34.18	ND	555.56	555.56
	4/9/2009	ND	38.30	ND	551.44	551.44
	5/12/2009	ND	33.70	ND	556.04	556.04
	6/18/2009	ND	33.04	ND	556.70	556.70
TF-02						
	1/27/2005	Well Gauged- Dry Well				
	4/13/2005	Well Gauged- Dry Well				
	5/10/2005	Well Gauged- Dry Well				
	8/23/2005	ND	13.35	ND	574.63	574.63
	1/23/2006	Well Gauged- Dry Well				
	3/27/2006	Well Gauged- Dry Well				
	4/17/2006	Well Gauged- Dry Well				
	5/15/2006	Well Gauged- Dry Well				
	7/24/2006	Well Gauged- Dry Well				
	8/21/2006	Well Gauged- Dry Well				
	9/11/2006	Well Gauged- Dry Well				
	10/23/2006	Well Gauged- Dry Well				
	11/21/2006	Well Gauged- Dry Well				
	12/18/2006	Well Gauged- Dry Well				
	2/26/2007	Well Gauged- Dry Well				
	3/19/2007	Well Gauged- Dry Well				
	5/21/2007	Well Gauged- Dry Well				
	6/18/2007	Well Gauged- Dry Well				
	7/25/2007	Well Gauged- Dry Well				
	8/20/2007	Well Gauged- Dry Well				
	9/17/2007	Well Gauged- Dry Well				
	10/15/2007	Well Gauged- Dry Well				
	11/8/2007	Well Gauged- Dry Well				
	12/13/2007	Well Gauged- Dry Well				
	12/19/2007	Well Gauged- Dry Well				
	1/11/2008	Well Gauged- Dry Well				
	1/17/2008	Well Gauged- Dry Well				
	1/22/2008	Well Gauged- Dry Well				
	1/24/2008	Well Gauged- Dry Well				

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
TF-02						
	1/31/2008	Well Gauged- Dry Well				
	2/5/2008	Well Gauged- Dry Well				
	2/12/2008	Well Gauged- Dry Well				
	2/19/2008	Well Gauged- Dry Well				
	2/26/2008	Well Gauged- Dry Well				
	3/4/2008	Well Gauged- Dry Well				
	3/11/2008	Well Gauged- Dry Well				
	3/18/2008	Well Gauged- Dry Well				
	3/25/2008	Well Gauged- Dry Well				
	4/2/2008	Well Gauged- Dry Well				
	4/15/2008	Well Gauged- Dry Well				
	4/17/2008	Well Gauged- Dry Well				
	4/22/2008	Well Gauged- Dry Well				
	4/30/2008	Well Gauged- Dry Well				
	5/6/2008	Well Gauged- Dry Well				
	5/13/2008	Well Gauged- Dry Well				
	5/20/2008	Well Gauged- Dry Well				
	5/27/2008	Well Gauged- Dry Well				
	6/3/2008	Well Gauged- Dry Well				
	6/10/2008	Well Gauged- Dry Well				
	6/17/2008	Well Gauged- Dry Well				
	6/24/2008	Well Gauged- Dry Well				
	7/1/2008	Well Gauged- Dry Well				
	7/15/2008	Well Gauged- Dry Well				
	7/17/2008	Well Gauged- Dry Well				
	8/19/2008	Well Gauged- Dry Well				
	9/16/2008	Well Gauged- Dry Well				
	10/1/2008	Well Gauged- Dry Well				
	11/18/2008	Well Gauged- Dry Well				
	12/2/2008	Well Gauged- Dry Well				
	1/8/2009	Well Gauged- Dry Well				
	2/3/2009	Well Gauged- Dry Well				
	3/10/2009	Well Gauged- Dry Well				
	4/9/2009	Well Gauged- Dry Well				
	5/12/2009	Well Gauged- Dry Well				
	6/18/2009	Well Gauged- Dry Well				
TF-03						
	1/27/2005	Well Gauged- Dry Well				

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
TF-03						
	4/13/2005	Well Gauged- Dry Well				
	5/10/2005	Well Gauged- Dry Well				
	8/23/2005	ND	13.42	ND	576.56	576.56
	1/23/2006	Well Gauged- Dry Well				
	3/27/2006	Well Gauged- Dry Well				
	4/17/2006	Well Gauged- Dry Well				
	5/15/2006	Well Gauged- Dry Well				
	7/24/2006	Well Gauged- Dry Well				
	8/21/2006	Well Gauged- Dry Well				
	9/11/2006	Well Gauged- Dry Well				
	10/23/2006	Well Gauged- Dry Well				
	11/21/2006	Well Gauged- Dry Well				
	12/18/2006	Well Gauged- Dry Well				
	2/26/2007	Well Gauged- Dry Well				
	3/19/2007	Well Gauged- Dry Well				
	5/21/2007	Well Gauged- Dry Well				
	6/18/2007	Well Gauged- Dry Well				
	7/25/2007	Well Gauged- Dry Well				
	8/20/2007	Well Gauged- Dry Well				
	9/17/2007	Well Gauged- Dry Well				
	10/15/2007	Well Gauged- Dry Well				
	11/8/2007	Well Gauged- Dry Well				
	12/13/2007	Well Gauged- Dry Well				
	12/19/2007	Well Gauged- Dry Well				
	1/11/2008	Well Gauged- Dry Well				
	1/17/2008	Well Gauged- Dry Well				
	1/22/2008	Well Gauged- Dry Well				
	1/24/2008	Well Gauged- Dry Well				
	1/31/2008	Well Gauged- Dry Well				
	2/5/2008	Well Gauged- Dry Well				
	2/12/2008	Well Gauged- Dry Well				
	2/19/2008	Well Gauged- Dry Well				
	2/26/2008	Well Gauged- Dry Well				
	3/4/2008	Well Gauged- Dry Well				
	3/11/2008	Well Gauged- Dry Well				
	3/18/2008	Well Gauged- Dry Well				
	3/25/2008	Well Gauged- Dry Well				
	4/2/2008	Well Gauged- Dry Well				
	4/15/2008	Well Gauged- Dry Well				

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
TF-03						
	4/17/2008	Well Gauged- Dry Well				
	4/22/2008	Well Gauged- Dry Well				
	4/30/2008	Well Gauged- Dry Well				
	5/6/2008	Well Gauged- Dry Well				
	5/13/2008	Well Gauged- Dry Well				
	5/20/2008	Well Gauged- Dry Well				
	5/27/2008	Well Gauged- Dry Well				
	6/3/2008	Well Gauged- Dry Well				
	6/10/2008	Well Gauged- Dry Well				
	6/17/2008	Well Gauged- Dry Well				
	6/24/2008	Well Gauged- Dry Well				
	7/1/2008	Well Gauged- Dry Well				
	7/15/2008	Well Gauged- Dry Well				
	7/17/2008	Well Gauged- Dry Well				
	8/19/2008	Well Gauged- Dry Well				
	9/16/2008	Well Gauged- Dry Well				
	10/1/2008	Well Gauged- Dry Well				
	11/18/2008	Well Gauged- Dry Well				
	12/2/2008	Well Gauged- Dry Well				
	1/8/2009	Well Gauged- Dry Well				
	2/3/2009	Well Gauged- Dry Well				
	3/10/2009	Well Gauged- Dry Well				
	4/9/2009	Well Gauged- Dry Well				
	5/12/2009	Well Gauged- Dry Well				
	6/18/2009	ND	13.11	ND	576.87	576.87
TF-04						
	1/27/2005	Well Gauged- Dry Well				
	4/13/2005	Well Gauged- Dry Well				
	5/10/2005	Well Gauged- Dry Well				
	8/23/2005	ND	13.52	ND	573.37	573.37
	1/23/2006	Well Gauged- Dry Well				
	3/27/2006	Well Gauged- Dry Well				
	4/17/2006	Well Gauged- Dry Well				
	5/15/2006	Well Gauged- Dry Well				
	7/24/2006	Well Gauged- Dry Well				
	8/21/2006	Well Gauged- Dry Well				
	9/11/2006	Well Gauged- Dry Well				
	10/23/2006	Well Gauged- Dry Well				

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
TF-04						
	11/21/2006	Well Gauged- Dry Well				
	12/18/2006	Well Gauged- Dry Well				
	2/26/2007	Well Gauged- Dry Well				
	3/19/2007	Well Gauged- Dry Well				
	5/21/2007	Well Gauged- Dry Well				
	6/18/2007	Well Gauged- Dry Well				
	7/25/2007	Well Gauged- Dry Well				
	8/20/2007	Well Gauged- Dry Well				
	9/17/2007	Well Gauged- Dry Well				
	10/15/2007	Well Gauged- Dry Well				
	11/8/2007	Well Gauged- Dry Well				
	12/6/2007	Well Gauged- Dry Well				
	12/13/2007	Well Gauged- Dry Well				
	12/19/2007	Well Gauged- Dry Well				
	1/11/2008	Well Gauged- Dry Well				
	1/17/2008	Well Gauged- Dry Well				
	1/22/2008	Well Gauged- Dry Well				
	1/24/2008	Well Gauged- Dry Well				
	1/31/2008	Well Gauged- Dry Well				
	2/5/2008	Well Gauged- Dry Well				
	2/12/2008	Well Gauged- Dry Well				
	2/19/2008	Well Gauged- Dry Well				
	2/26/2008	Well Gauged- Dry Well				
	3/4/2008	Well Gauged- Dry Well				
	3/11/2008	Well Gauged- Dry Well				
	3/18/2008	Well Gauged- Dry Well				
	3/25/2008	Well Gauged- Dry Well				
	4/2/2008	Well Gauged- Dry Well				
	4/15/2008	Well Gauged- Dry Well				
	4/17/2008	Well Gauged- Dry Well				
	4/22/2008	Well Gauged- Dry Well				
	4/30/2008	Well Gauged- Dry Well				
	5/6/2008	Well Gauged- Dry Well				
	5/13/2008	Well Gauged- Dry Well				
	5/20/2008	Well Gauged- Dry Well				
	5/27/2008	Well Gauged- Dry Well				
	6/3/2008	Well Gauged- Dry Well				
	6/10/2008	Well Gauged- Dry Well				
	6/17/2008	Well Gauged- Dry Well				

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
TF-04						
	6/24/2008	Well Gauged- Dry Well				
	7/1/2008	Well Gauged- Dry Well				
	7/15/2008	Well Gauged- Dry Well				
	7/17/2008	Well Gauged- Dry Well				
	8/19/2008	Well Gauged- Dry Well				
	9/16/2008	Well Gauged- Dry Well				
	10/1/2008	Well Gauged- Dry Well				
	11/18/2008	Well Gauged- Dry Well				
	12/2/2008	Well Gauged- Dry Well				
	1/8/2009	Well Gauged- Dry Well				
	2/3/2009	Well Gauged- Dry Well				
	3/10/2009	Well Gauged- Dry Well				
	4/9/2009	Well Gauged- Dry Well				
	5/12/2009	Well Gauged- Dry Well				
	6/18/2009	Well Gauged- Dry Well				
TF-05						
	1/27/2005	Well Gauged- Dry Well				
	4/13/2005	Well Gauged- Dry Well				
	5/10/2005	Well Gauged- Dry Well				
	8/23/2005	ND	13.51		ND	574.00
	1/23/2006	Well Gauged- Dry Well				
	3/27/2006	Well Gauged- Dry Well				
	4/17/2006	Well Gauged- Dry Well				
	5/15/2006	Well Gauged- Dry Well				
	7/24/2006	Well Gauged- Dry Well				
	8/21/2006	Well Gauged- Dry Well				
	9/11/2006	Well Gauged- Dry Well				
	10/23/2006	Well Gauged- Dry Well				
	11/21/2006	Well Gauged- Dry Well				
	12/18/2006	Well Gauged- Dry Well				
	2/26/2007	Well Not Gauged - Well Inaccessible				
	3/19/2007	Well Gauged- Dry Well				
	5/21/2007	Well Gauged- Dry Well				
	6/18/2007	Well Gauged- Dry Well				
	7/25/2007	Well Gauged- Dry Well				
	8/20/2007	Well Gauged- Dry Well				
	9/17/2007	Well Gauged- Dry Well				
	10/15/2007	Well Gauged- Dry Well				

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
TF-05						
	11/8/2007	Well Gauged- Dry Well				
	12/6/2007	Well Gauged- Dry Well				
	12/13/2007	Well Gauged- Dry Well				
	12/19/2007	Well Gauged- Dry Well				
	1/11/2008	Well Gauged- Dry Well				
	1/17/2008	Well Gauged- Dry Well				
	1/22/2008	Well Gauged- Dry Well				
	1/24/2008	Well Gauged- Dry Well				
	1/31/2008	Well Gauged- Dry Well				
	2/5/2008	Well Gauged- Dry Well				
	2/12/2008	Well Gauged- Dry Well				
	2/19/2008	Well Gauged- Dry Well				
	2/26/2008	Well Gauged- Dry Well				
	3/4/2008	Well Gauged- Dry Well				
	3/11/2008	Well Gauged- Dry Well				
	3/18/2008	Well Gauged- Dry Well				
	3/25/2008	Well Gauged- Dry Well				
	4/2/2008	Well Gauged- Dry Well				
	4/15/2008	Well Gauged- Dry Well				
	4/17/2008	Well Gauged- Dry Well				
	4/22/2008	Well Gauged- Dry Well				
	4/30/2008	Well Gauged- Dry Well				
	5/6/2008	Well Gauged- Dry Well				
	5/13/2008	Well Gauged- Dry Well				
	5/20/2008	Well Gauged- Dry Well				
	5/27/2008	Well Gauged- Dry Well				
	6/3/2008	Well Gauged- Dry Well				
	6/10/2008	Well Gauged- Dry Well				
	6/17/2008	Well Gauged- Dry Well				
	6/24/2008	Well Gauged- Dry Well				
	7/1/2008	Well Gauged- Dry Well				
	7/15/2008	Well Gauged- Dry Well				
	7/17/2008	Well Gauged- Dry Well				
	8/19/2008	Well Gauged- Dry Well				
	9/16/2008	Well Gauged- Dry Well				
	10/1/2008	Well Gauged- Dry Well				
	11/18/2008	Well Gauged- Dry Well				
	12/2/2008	Well Gauged- Dry Well				
	1/8/2009	Well Gauged- Dry Well				

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 1
Well Gauge Report
03033

Well Name	Date	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Groundwater Elevation (ft)	Corrected GW Elevation (ft)
TF-05						
	2/3/2009		Well Gauged- Dry Well			
	3/10/2009		Well Gauged- Dry Well			
	4/9/2009		Well Gauged- Dry Well			
	5/12/2009		Well Gauged- Dry Well			
	6/18/2009		Well Gauged- Dry Well			

Notes:

NC*-Not calculated - Top of casing elevation unknown, unable to calculate groundwater elevation

ND - Not detected

NM-Not Measurable

Table 2
Groundwater Analytical Results Summary

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Units
4/9/2009				
MW-01R				
Field Chemistry Parameters				
	DISSOLVED OXYGEN	8.6	1	MG/L
General Chemistry Parameters				
	IRON, FERROUS	ND	0.2	MG/L
	NITROGEN, NITRATE	1.2	0.11	MG/L
	NITROGEN, NITRATE + NITRITE	1.2	0.1	MG/L
	NITROGEN, NITRITE	ND	0.01	MG/L
	SULFATE	ND	10	MG/L
	SULFIDE	ND	2	MG/L
Total Metals				
	IRON	7.27	0.1	MG/L
Volatile Organic Compounds				
	1,1,1,2-TETRACHLOROETHANE	ND	0.005	MG/L
	1,1,1-TRICHLOROETHANE	ND	0.001	MG/L
	1,1,2,2-TETRACHLOROETHANE	ND	0.001	MG/L
	1,1,2-TRICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHENE	ND	0.001	MG/L
	1,1-DICHLOROPROPENE	ND	0.005	MG/L
	1,2,3-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,3-TRICHLOROPROPANE	ND	0.005	MG/L
	1,2,4-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,4-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,2-DIBROMO-3-CHLOROPROPAN	ND	0.01	MG/L
	1,2-DIBROMOETHANE	ND	0.002	MG/L
	1,2-DICHLOROBENZENE	ND	0.001	MG/L
	1,2-DICHLOROETHANE	ND	0.001	MG/L
	1,2-DICHLOROPROPANE	ND	0.001	MG/L
	1,3,5-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,3-DICHLOROBENZENE	ND	0.001	MG/L
	1,3-DICHLOROPROPANE	ND	0.005	MG/L
	1,4-DICHLOROBENZENE	ND	0.001	MG/L
	2,2-DICHLOROPROPANE	ND	0.005	MG/L
	2-BUTANONE (MEK)	ND	0.01	MG/L
	4-METHYL-2-PENTANONE(MIBK)	ND	0.005	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Limit	Units
4/9/2009					
MW-01R					
	ACETONE	ND		0.01	MG/L
	BROMOBENZENE	ND		0.005	MG/L
	BROMOCHLOROMETHANE	ND		0.005	MG/L
	BROMODICHLOROMETHANE	ND		0.001	MG/L
	BROMOFORM	ND		0.004	MG/L
	BROMOMETHANE	ND		0.002	MG/L
	CARBON TETRACHLORIDE	ND		0.001	MG/L
	CHLOROBENZENE	ND		0.001	MG/L
	CHLOROETHANE	ND		0.001	MG/L
	CHLOROFORM	ND		0.001	MG/L
	CHLOROMETHANE	ND		0.001	MG/L
	CIS-1,2-DICHLOROETHENE	ND		0.001	MG/L
	CIS-1,3-DICHLOROPROPENE	ND		0.001	MG/L
	DIBROMOCHLOROMETHANE	ND		0.001	MG/L
	DICHLORODIFLUOROMETHANE	ND		0.005	MG/L
	DI-ISOPROPYL ETHER	ND		0.005	MG/L
	HEXACHLOROBUTADIENE	ND		0.005	MG/L
	ISOPROPYLBENZENE	ND		0.002	MG/L
	M,P-XYLENE	ND		0.001	MG/L
	METHYLENE BROMIDE	ND		0.005	MG/L
	METHYLENE CHLORIDE	ND		0.002	MG/L
	N-BUTYLBENZENE	ND		0.005	MG/L
	N-PROPYLBENZENE	ND		0.005	MG/L
	O-CHLOROTOLUENE	ND		0.005	MG/L
	O-XYLENE	ND		0.001	MG/L
	P-CHLOROTOLUENE	ND		0.005	MG/L
	P-ISOPROPYL TOLUENE	ND		0.005	MG/L
	SEC-BUTYLBENZENE	ND		0.005	MG/L
	STYRENE	ND		0.005	MG/L
	TERT-AMYL METHYL ETHER	ND		0.005	MG/L
	TERT-BUTYL ETHYL ETHER	ND		0.005	MG/L
	TERT-BUTYLBENZENE	ND		0.005	MG/L
	TETRACHLOROETHENE	ND		0.001	MG/L
	TRANS-1,2-DICHLOROETHENE	ND		0.001	MG/L
	TRANS-1,3-DICHLOROPROPENE	ND		0.001	MG/L
	TRICHLOROETHENE	ND		0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Units
4/9/2009				
MW-01R				
	TRICHLOROFLUOROMETHANE	ND		0.005 MG/L
	VINYL CHLORIDE	ND		0.001 MG/L
	BENZENE	ND		0.001 MG/L
	TOLUENE	ND		0.001 MG/L
	ETHYLBENZENE	ND		0.001 MG/L
	XYLENE (TOTAL)	ND		0.001 MG/L
	TOTAL BTEX	ND		0.004 MG/L
	METHYL TERT BUTYL ETHER	ND		0.001 MG/L
	NAPHTHALENE	ND		0.005 MG/L
	TERT BUTYL ALCOHOL	ND		0.025 MG/L
MW-02R				
Field Chemistry Parameters				
	DISSOLVED OXYGEN	7.8	1	MG/L
General Chemistry Parameters				
	IRON, FERROUS	ND	0.2	MG/L
	NITROGEN, NITRATE	4.3	0.11	MG/L
	NITROGEN, NITRATE + NITRITE	4.3	0.1	MG/L
	NITROGEN, NITRITE	ND	0.01	MG/L
	SULFATE	ND	10	MG/L
	SULFIDE	ND	2	MG/L
Total Metals				
	IRON	2.79	0.5	MG/L
Volatile Organic Compounds				
	1,1,1,2-TETRACHLOROETHANE	ND	0.005	MG/L
	1,1,1-TRICHLOROETHANE	ND	0.001	MG/L
	1,1,2,2-TETRACHLOROETHANE	ND	0.001	MG/L
	1,1,2-TRICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHENE	ND	0.001	MG/L
	1,1-DICHLOROPROPENE	ND	0.005	MG/L
	1,2,3-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,3-TRICHLOROPROPANE	ND	0.005	MG/L
	1,2,4-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,4-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,2-DIBROMO-3-CHLOROPROPAN	ND	0.01	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Limit	Units
4/9/2009					
MW-02R					
	1,2-DIBROMOETHANE	ND		0.002	MG/L
	1,2-DICHLOROBENZENE	ND		0.001	MG/L
	1,2-DICHLOROETHANE	ND		0.001	MG/L
	1,2-DICHLOROPROPANE	ND		0.001	MG/L
	1,3,5-TRIMETHYLBENZENE	ND		0.005	MG/L
	1,3-DICHLOROBENZENE	ND		0.001	MG/L
	1,3-DICHLOROPROPANE	ND		0.005	MG/L
	1,4-DICHLOROBENZENE	ND		0.001	MG/L
	2,2-DICHLOROPROPANE	ND		0.005	MG/L
	2-BUTANONE (MEK)	ND		0.01	MG/L
	4-METHYL-2-PENTANONE(MIBK)	ND		0.005	MG/L
	ACETONE	ND		0.01	MG/L
	BROMOBENZENE	ND		0.005	MG/L
	BROMOCHLOROMETHANE	ND		0.005	MG/L
	BROMODICHLOROMETHANE	ND		0.001	MG/L
	BROMOFORM	ND		0.004	MG/L
	BROMOMETHANE	ND		0.002	MG/L
	CARBON TETRACHLORIDE	ND		0.001	MG/L
	CHLOROBENZENE	ND		0.001	MG/L
	CHLOROETHANE	ND		0.001	MG/L
	CHLOROFORM	ND		0.001	MG/L
	CHLOROMETHANE	ND		0.001	MG/L
	CIS-1,2-DICHLOROETHENE	ND		0.001	MG/L
	CIS-1,3-DICHLOROPROPENE	ND		0.001	MG/L
	DIBROMOCHLOROMETHANE	ND		0.001	MG/L
	DICHLORODIFLUOROMETHANE	ND		0.005	MG/L
	DI-ISOPROPYL ETHER	ND		0.005	MG/L
	HEXACHLOROBUTADIENE	ND		0.005	MG/L
	ISOPROPYLBENZENE	ND		0.002	MG/L
	M,P-XYLENE	ND		0.001	MG/L
	METHYLENE BROMIDE	ND		0.005	MG/L
	METHYLENE CHLORIDE	ND		0.002	MG/L
	N-BUTYLBENZENE	ND		0.005	MG/L
	N-PROPYLBENZENE	ND		0.005	MG/L
	O-CHLOROTOLUENE	ND		0.005	MG/L
	O-XYLENE	ND		0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Limit Units
4/9/2009				
MW-02R				
	P-CHLOROTOLUENE	ND		0.005 MG/L
	P-ISOPROPYLtolUENE	ND		0.005 MG/L
	SEC-BUTYLBENZENE	ND		0.005 MG/L
	STYRENE	ND		0.005 MG/L
	TERT-AMYL METHYL ETHER	ND		0.005 MG/L
	TERT-BUTYL ETHYL ETHER	ND		0.005 MG/L
	TERT-BUTYLBENZENE	ND		0.005 MG/L
	TETRACHLOROETHENE	ND		0.001 MG/L
	TRANS-1,2-DICHLOROETHENE	ND		0.001 MG/L
	TRANS-1,3-DICHLOROPROPENE	ND		0.001 MG/L
	TRICHLOROETHENE	ND		0.001 MG/L
	TRICHLOROFLUOROMETHANE	ND		0.005 MG/L
	VINYL CHLORIDE	ND		0.001 MG/L
	BENZENE	ND		0.001 MG/L
	TOLUENE	ND		0.001 MG/L
	ETHYLBENZENE	ND		0.001 MG/L
	XYLENE (TOTAL)	ND		0.001 MG/L
	TOTAL BTEX	ND		0.004 MG/L
	METHYL TERT BUTYL ETHER	0.0025		0.001 MG/L
	NAPHTHALENE	ND		0.005 MG/L
	TERT BUTYL ALCOHOL	ND		0.025 MG/L
MW-03				
Field Chemistry Parameters				
	DISSOLVED OXYGEN	14		1 MG/L
General Chemistry Parameters				
	IRON, FERROUS	ND		0.2 MG/L
	NITROGEN, NITRATE	11.8		0.41 MG/L
	NITROGEN, NITRATE + NITRITE	11.8		0.4 MG/L
	NITROGEN, NITRITE	ND		0.01 MG/L
	SULFATE	ND		10 MG/L
	SULFIDE	ND		2 MG/L
Total Metals				
	IRON	2.11		0.1 MG/L
Volatile Organic Compounds				
	1,1,1,2-TETRACHLOROETHANE	ND		0.005 MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Units
4/9/2009 MW-03				
	1,1,1-TRICHLOROETHANE	ND	0.001	MG/L
	1,1,2,2-TETRACHLOROETHANE	ND	0.001	MG/L
	1,1,2-TRICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHENE	ND	0.001	MG/L
	1,1-DICHLOROPROPENE	ND	0.005	MG/L
	1,2,3-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,3-TRICHLOROPROPANE	ND	0.005	MG/L
	1,2,4-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,4-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,2-DIBROMO-3-CHLOROPROPAN	ND	0.01	MG/L
	1,2-DIBROMOETHANE	ND	0.002	MG/L
	1,2-DICHLOROBENZENE	ND	0.001	MG/L
	1,2-DICHLOROETHANE	ND	0.001	MG/L
	1,2-DICHLOROPROPANE	ND	0.001	MG/L
	1,3,5-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,3-DICHLOROBENZENE	ND	0.001	MG/L
	1,3-DICHLOROPROPANE	ND	0.005	MG/L
	1,4-DICHLOROBENZENE	ND	0.001	MG/L
	2,2-DICHLOROPROPANE	ND	0.005	MG/L
	2-BUTANONE (MEK)	ND	0.01	MG/L
	4-METHYL-2-PENTANONE(MIBK)	ND	0.005	MG/L
	ACETONE	ND	0.01	MG/L
	BROMOBENZENE	ND	0.005	MG/L
	BROMOCHLOROMETHANE	ND	0.005	MG/L
	BROMODICHLOROMETHANE	ND	0.001	MG/L
	BROMOFORM	ND	0.004	MG/L
	BROMOMETHANE	ND	0.002	MG/L
	CARBON TETRACHLORIDE	ND	0.001	MG/L
	CHLOROBENZENE	ND	0.001	MG/L
	CHLOROETHANE	ND	0.001	MG/L
	CHLOROFORM	ND	0.001	MG/L
	CHLOROMETHANE	ND	0.001	MG/L
	CIS-1,2-DICHLOROETHENE	ND	0.001	MG/L
	CIS-1,3-DICHLOROPROPENE	ND	0.001	MG/L
	DIBROMOCHLOROMETHANE	ND	0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Units
4/9/2009				
MW-03				
	DICHLORODIFLUOROMETHANE	ND	0.005	MG/L
	DI-ISOPROPYL ETHER	ND	0.005	MG/L
	HEXACHLOROBUTADIENE	ND	0.005	MG/L
	ISOPROPYLBENZENE	ND	0.002	MG/L
	M,P-XYLENE	ND	0.001	MG/L
	METHYLENE BROMIDE	ND	0.005	MG/L
	METHYLENE CHLORIDE	ND	0.002	MG/L
	N-BUTYLBENZENE	ND	0.005	MG/L
	N-PROPYLBENZENE	ND	0.005	MG/L
	O-CHLOROTOLUENE	ND	0.005	MG/L
	O-XYLENE	ND	0.001	MG/L
	P-CHLOROTOLUENE	ND	0.005	MG/L
	P-ISOPROPYLTOLUENE	ND	0.005	MG/L
	SEC-BUTYLBENZENE	ND	0.005	MG/L
	STYRENE	ND	0.005	MG/L
	TERT-AMYL METHYL ETHER	ND	0.005	MG/L
	TERT-BUTYL ETHYL ETHER	0.0372	0.005	MG/L
	TERT-BUTYLBENZENE	ND	0.005	MG/L
	TETRACHLOROETHENE	ND	0.001	MG/L
	TRANS-1,2-DICHLOROETHENE	ND	0.001	MG/L
	TRANS-1,3-DICHLOROPROPENE	ND	0.001	MG/L
	TRICHLOROETHENE	ND	0.001	MG/L
	TRICHLOROFUOROMETHANE	ND	0.005	MG/L
	VINYL CHLORIDE	ND	0.001	MG/L
	BENZENE	ND	0.001	MG/L
	TOLUENE	ND	0.001	MG/L
	ETHYLBENZENE	ND	0.001	MG/L
	XYLENE (TOTAL)	ND	0.001	MG/L
	TOTAL BTEX	ND	0.004	MG/L
	METHYL TERT BUTYL ETHER	0.126	0.001	MG/L
	NAPHTHALENE	ND	0.005	MG/L
	TERT BUTYL ALCOHOL	ND	0.025	MG/L
MW-04				
Field Chemistry Parameters				
	DISSOLVED OXYGEN	5.3	1	MG/L
General Chemistry Parameters				

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Units
4/9/2009				
MW-04				
	IRON, FERROUS	ND	0.2	MG/L
	NITROGEN, NITRATE	4.3	0.11	MG/L
	NITROGEN, NITRATE + NITRITE	4.4	0.1	MG/L
	NITROGEN, NITRITE	0.12	0.01	MG/L
	SULFATE	ND	10	MG/L
	SULFIDE	ND	2	MG/L
Total Metals				
	IRON	2.42	0.1	MG/L
Volatile Organic Compounds				
	1,1,1,2-TETRACHLOROETHANE	ND	0.005	MG/L
	1,1,1-TRICHLOROETHANE	ND	0.001	MG/L
	1,1,2,2-TETRACHLOROETHANE	ND	0.001	MG/L
	1,1,2-TRICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHENE	ND	0.001	MG/L
	1,1-DICHLOROPROPENE	ND	0.005	MG/L
	1,2,3-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,3-TRICHLOROPROPANE	ND	0.005	MG/L
	1,2,4-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,4-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,2-DIBROMO-3-CHLOROPROPAN	ND	0.01	MG/L
	1,2-DIBROMOETHANE	ND	0.002	MG/L
	1,2-DICHLOROBENZENE	ND	0.001	MG/L
	1,2-DICHLOROETHANE	ND	0.001	MG/L
	1,2-DICHLOROPROPANE	ND	0.001	MG/L
	1,3,5-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,3-DICHLOROBENZENE	ND	0.001	MG/L
	1,3-DICHLOROPROPANE	ND	0.005	MG/L
	1,4-DICHLOROBENZENE	ND	0.001	MG/L
	2,2-DICHLOROPROPANE	ND	0.005	MG/L
	2-BUTANONE (MEK)	ND	0.01	MG/L
	4-METHYL-2-PENTANONE(MIBK)	ND	0.005	MG/L
	ACETONE	ND	0.01	MG/L
	BROMOBENZENE	ND	0.005	MG/L
	BROMOCHLOROMETHANE	ND	0.005	MG/L
	BROMODICHLOROMETHANE	ND	0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Limit	Units
4/9/2009					
MW-04					
	BROMOFORM	ND		0.004	MG/L
	BROMOMETHANE	ND		0.002	MG/L
	CARBON TETRACHLORIDE	ND		0.001	MG/L
	CHLOROBENZENE	ND		0.001	MG/L
	CHLOROETHANE	ND		0.001	MG/L
	CHLOROFORM	ND		0.001	MG/L
	CHLOROMETHANE	ND		0.001	MG/L
	CIS-1,2-DICHLOROETHENE	ND		0.001	MG/L
	CIS-1,3-DICHLOROPROPENE	ND		0.001	MG/L
	DIBROMOCHLOROMETHANE	ND		0.001	MG/L
	DICHLORODIFLUOROMETHANE	ND		0.005	MG/L
	DI-ISOPROPYL ETHER	ND		0.005	MG/L
	HEXACHLOROBUTADIENE	ND		0.005	MG/L
	ISOPROPYLBENZENE	0.00074	J	0.002	MG/L
	M,P-XYLENE	ND		0.001	MG/L
	METHYLENE BROMIDE	ND		0.005	MG/L
	METHYLENE CHLORIDE	ND		0.002	MG/L
	N-BUTYLBENZENE	ND		0.005	MG/L
	N-PROPYLBENZENE	ND		0.005	MG/L
	O-CHLOROTOLUENE	ND		0.005	MG/L
	O-XYLENE	0.00055	J	0.001	MG/L
	P-CHLOROTOLUENE	ND		0.005	MG/L
	P-ISOPROPYL TOLUENE	ND		0.005	MG/L
	SEC-BUTYLBENZENE	ND		0.005	MG/L
	STYRENE	ND		0.005	MG/L
	TERT-AMYL METHYL ETHER	ND		0.005	MG/L
	TERT-BUTYL ETHYL ETHER	ND		0.005	MG/L
	TERT-BUTYLBENZENE	ND		0.005	MG/L
	TETRACHLOROETHENE	ND		0.001	MG/L
	TRANS-1,2-DICHLOROETHENE	ND		0.001	MG/L
	TRANS-1,3-DICHLOROPROPENE	ND		0.001	MG/L
	TRICHLOROETHENE	ND		0.001	MG/L
	TRICHLOROFUOROMETHANE	ND		0.005	MG/L
	VINYL CHLORIDE	ND		0.001	MG/L
	BENZENE	0.00058	J	0.001	MG/L
	TOLUENE	ND		0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Flag	Reporting Limit	Units
4/9/2009					
MW-04					
	ETHYLBENZENE	ND		0.001	MG/L
	XYLENE (TOTAL)	0.00055	J	0.001	MG/L
	TOTAL BTEX	0.00113		0.004	MG/L
	METHYL TERT BUTYL ETHER	0.0087		0.001	MG/L
	NAPHTHALENE	0.0023	J	0.005	MG/L
	TERT BUTYL ALCOHOL	ND		0.025	MG/L
MW-05					
Field Chemistry Parameters					
	DISSOLVED OXYGEN	12.7		1	MG/L
General Chemistry Parameters					
	IRON, FERROUS	ND		0.2	MG/L
	NITROGEN, NITRATE	6.9		0.21	MG/L
	NITROGEN, NITRATE + NITRITE	6.9		0.2	MG/L
	NITROGEN, NITRITE	ND		0.01	MG/L
	SULFATE	ND		10	MG/L
	SULFIDE	ND		2	MG/L
Total Metals					
	IRON	2.34		0.1	MG/L
Volatile Organic Compounds					
	1,1,1,2-TETRACHLOROETHANE	ND		0.005	MG/L
	1,1,1-TRICHLOROETHANE	ND		0.001	MG/L
	1,1,2,2-TETRACHLOROETHANE	ND		0.001	MG/L
	1,1,2-TRICHLOROETHANE	ND		0.001	MG/L
	1,1-DICHLOROETHANE	ND		0.001	MG/L
	1,1-DICHLOROETHENE	ND		0.001	MG/L
	1,1-DICHLOROPROPENE	ND		0.005	MG/L
	1,2,3-TRICHLOROBENZENE	ND		0.005	MG/L
	1,2,3-TRICHLOROPROPANE	ND		0.005	MG/L
	1,2,4-TRICHLOROBENZENE	ND		0.005	MG/L
	1,2,4-TRIMETHYLBENZENE	ND		0.005	MG/L
	1,2-DIBROMO-3-CHLOROPROPAN	ND		0.01	MG/L
	1,2-DIBROMOETHANE	ND		0.002	MG/L
	1,2-DICHLOROBENZENE	ND		0.001	MG/L
	1,2-DICHLOROETHANE	ND		0.001	MG/L
	1,2-DICHLOROPROPANE	ND		0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Units
4/9/2009				
MW-05				
	1,3,5-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,3-DICHLOROBENZENE	ND	0.001	MG/L
	1,3-DICHLOROPROPANE	ND	0.005	MG/L
	1,4-DICHLOROBENZENE	ND	0.001	MG/L
	2,2-DICHLOROPROPANE	ND	0.005	MG/L
	2-BUTANONE (MEK)	ND	0.01	MG/L
	4-METHYL-2-PENTANONE(MIBK)	ND	0.005	MG/L
	ACETONE	ND	0.01	MG/L
	BROMOBENZENE	ND	0.005	MG/L
	BROMOCHLOROMETHANE	ND	0.005	MG/L
	BROMODICHLOROMETHANE	ND	0.001	MG/L
	BROMOFORM	ND	0.004	MG/L
	BROMOMETHANE	ND	0.002	MG/L
	CARBON TETRACHLORIDE	ND	0.001	MG/L
	CHLOROBENZENE	ND	0.001	MG/L
	CHLOROETHANE	ND	0.001	MG/L
	CHLOROFORM	ND	0.001	MG/L
	CHLOROMETHANE	ND	0.001	MG/L
	CIS-1,2-DICHLOROETHENE	ND	0.001	MG/L
	CIS-1,3-DICHLOROPROPENE	ND	0.001	MG/L
	DIBROMOCHLOROMETHANE	ND	0.001	MG/L
	DICHLORODIFLUOROMETHANE	ND	0.005	MG/L
	DI-ISOPROPYL ETHER	ND	0.005	MG/L
	HEXACHLOROBUTADIENE	ND	0.005	MG/L
	ISOPROPYLBENZENE	ND	0.002	MG/L
	M,P-XYLENE	ND	0.001	MG/L
	METHYLENE BROMIDE	ND	0.005	MG/L
	METHYLENE CHLORIDE	ND	0.002	MG/L
	N-BUTYLBENZENE	ND	0.005	MG/L
	N-PROPYLBENZENE	ND	0.005	MG/L
	O-CHLOROTOLUENE	ND	0.005	MG/L
	O-XYLENE	ND	0.001	MG/L
	P-CHLOROTOLUENE	ND	0.005	MG/L
	P-ISOPROPYLTOLUENE	ND	0.005	MG/L
	SEC-BUTYLBENZENE	ND	0.005	MG/L
	STYRENE	ND	0.005	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Units
4/9/2009				
MW-05				
	TERT-AMYL METHYL ETHER	ND	0.005	MG/L
	TERT-BUTYL ETHYL ETHER	0.0098	0.005	MG/L
	TERT-BUTYLBENZENE	ND	0.005	MG/L
	TETRACHLOROETHENE	ND	0.001	MG/L
	TRANS-1,2-DICHLOROETHENE	ND	0.001	MG/L
	TRANS-1,3-DICHLOROPROPENE	ND	0.001	MG/L
	TRICHLOROETHENE	ND	0.001	MG/L
	TRICHLOROFLUOROMETHANE	ND	0.005	MG/L
	VINYL CHLORIDE	ND	0.001	MG/L
	BENZENE	ND	0.001	MG/L
	TOLUENE	ND	0.001	MG/L
	ETHYLBENZENE	ND	0.001	MG/L
	XYLENE (TOTAL)	ND	0.001	MG/L
	TOTAL BTEX	ND	0.004	MG/L
	METHYL TERT BUTYL ETHER	0.169	0.001	MG/L
	NAPHTHALENE	ND	0.005	MG/L
	TERT BUTYL ALCOHOL	ND	0.025	MG/L
MW-06				
Field Chemistry Parameters				
	DISSOLVED OXYGEN	12.9	1	MG/L
General Chemistry Parameters				
	IRON, FERROUS	ND	0.2	MG/L
	NITROGEN, NITRATE	4.7	0.11	MG/L
	NITROGEN, NITRATE + NITRITE	4.7	0.1	MG/L
	NITROGEN, NITRITE	ND	0.01	MG/L
	SULFATE	101	10	MG/L
	SULFIDE	ND	2	MG/L
Total Metals				
	IRON	11.5	0.1	MG/L
Volatile Organic Compounds				
	1,1,1,2-TETRACHLOROETHANE	ND	0.005	MG/L
	1,1,1-TRICHLOROETHANE	ND	0.001	MG/L
	1,1,2,2-TETRACHLOROETHANE	ND	0.001	MG/L
	1,1,2-TRICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHANE	ND	0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Limit Units
4/9/2009				
MW-06				
	1,1-DICHLOROETHENE	ND		0.001 MG/L
	1,1-DICHLOROPROPENE	ND		0.005 MG/L
	1,2,3-TRICHLOROBENZENE	ND		0.005 MG/L
	1,2,3-TRICHLOROPROPANE	ND		0.005 MG/L
	1,2,4-TRICHLOROBENZENE	ND		0.005 MG/L
	1,2,4-TRIMETHYLBENZENE	ND		0.005 MG/L
	1,2-DIBROMO-3-CHLOROPROPAN	ND		0.01 MG/L
	1,2-DIBROMOETHANE	ND		0.002 MG/L
	1,2-DICHLOROBENZENE	ND		0.001 MG/L
	1,2-DICHLOROETHANE	ND		0.001 MG/L
	1,2-DICHLOROPROPANE	ND		0.001 MG/L
	1,3,5-TRIMETHYLBENZENE	ND		0.005 MG/L
	1,3-DICHLOROBENZENE	ND		0.001 MG/L
	1,3-DICHLOROPROPANE	ND		0.005 MG/L
	1,4-DICHLOROBENZENE	ND		0.001 MG/L
	2,2-DICHLOROPROPANE	ND		0.005 MG/L
	2-BUTANONE (MEK)	ND		0.01 MG/L
	4-METHYL-2-PENTANONE(MIBK)	ND		0.005 MG/L
	ACETONE	ND		0.01 MG/L
	BROMOBENZENE	ND		0.005 MG/L
	BROMOCHLOROMETHANE	ND		0.005 MG/L
	BROMODICHLOROMETHANE	ND		0.001 MG/L
	BROMOFORM	ND		0.004 MG/L
	BROMOMETHANE	ND		0.002 MG/L
	CARBON TETRACHLORIDE	ND		0.001 MG/L
	CHLOROBENZENE	ND		0.001 MG/L
	CHLOROETHANE	ND		0.001 MG/L
	CHLOROFORM	ND		0.001 MG/L
	CHLOROMETHANE	ND		0.001 MG/L
	CIS-1,2-DICHLOROETHENE	ND		0.001 MG/L
	CIS-1,3-DICHLOROPROPENE	ND		0.001 MG/L
	DIBROMOCHLOROMETHANE	ND		0.001 MG/L
	DICHLORODIFLUOROMETHANE	ND		0.005 MG/L
	DI-ISOPROPYL ETHER	ND		0.005 MG/L
	HEXACHLOROBUTADIENE	ND		0.005 MG/L
	ISOPROPYLBENZENE	ND		0.002 MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Limit	Units
4/9/2009					
MW-06					
	M,P-XYLENE	ND		0.001	MG/L
	METHYLENE BROMIDE	ND		0.005	MG/L
	METHYLENE CHLORIDE	ND		0.002	MG/L
	N-BUTYLBENZENE	ND		0.005	MG/L
	N-PROPYLBENZENE	ND		0.005	MG/L
	O-CHLOROTOLUENE	ND		0.005	MG/L
	O-XYLENE	ND		0.001	MG/L
	P-CHLOROTOLUENE	ND		0.005	MG/L
	P-ISOPROPYL TOLUENE	ND		0.005	MG/L
	SEC-BUTYLBENZENE	ND		0.005	MG/L
	STYRENE	ND		0.005	MG/L
	TERT-AMYL METHYL ETHER	ND		0.005	MG/L
	TERT-BUTYL ETHYL ETHER	ND		0.005	MG/L
	TERT-BUTYLBENZENE	ND		0.005	MG/L
	TETRACHLOROETHENE	ND		0.001	MG/L
	TRANS-1,2-DICHLOROETHENE	ND		0.001	MG/L
	TRANS-1,3-DICHLOROPROPENE	ND		0.001	MG/L
	TRICHLOROETHENE	ND		0.001	MG/L
	TRICHLOROFLUOROMETHANE	ND		0.005	MG/L
	VINYL CHLORIDE	ND		0.001	MG/L
	BENZENE	ND		0.001	MG/L
	TOLUENE	ND		0.001	MG/L
	ETHYLBENZENE	ND		0.001	MG/L
	XYLENE (TOTAL)	ND		0.001	MG/L
	TOTAL BTEX	ND		0.004	MG/L
	METHYL TERT BUTYL ETHER	0.0012		0.001	MG/L
	NAPHTHALENE	ND		0.005	MG/L
	TERT BUTYL ALCOHOL	ND		0.025	MG/L
MW-07					
Field Chemistry Parameters					
	DISSOLVED OXYGEN	3.5		1	MG/L
General Chemistry Parameters					
	IRON, FERROUS	0.48		0.2	MG/L
	NITROGEN, NITRATE	0.91		0.11	MG/L
	NITROGEN, NITRATE + NITRITE	0.91		0.1	MG/L
	NITROGEN, NITRITE	ND		0.01	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Reporting Units
4/9/2009				
MW-07				
	SULFATE	18.7	10	MG/L
	SULFIDE	ND	2	MG/L
Total Metals				
	IRON	6.33	0.1	MG/L
Volatile Organic Compounds				
	1,1,1,2-TETRACHLOROETHANE	ND	0.005	MG/L
	1,1,1-TRICHLOROETHANE	ND	0.001	MG/L
	1,1,2,2-TETRACHLOROETHANE	ND	0.001	MG/L
	1,1,2-TRICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHANE	ND	0.001	MG/L
	1,1-DICHLOROETHENE	ND	0.001	MG/L
	1,1-DICHLOROPROPENE	ND	0.005	MG/L
	1,2,3-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,3-TRICHLOROPROPANE	ND	0.005	MG/L
	1,2,4-TRICHLOROBENZENE	ND	0.005	MG/L
	1,2,4-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,2-DIBROMO-3-CHLOROPROPAN	ND	0.01	MG/L
	1,2-DIBROMOETHANE	ND	0.002	MG/L
	1,2-DICHLOROBENZENE	ND	0.001	MG/L
	1,2-DICHLOROETHANE	ND	0.001	MG/L
	1,2-DICHLOROPROPANE	ND	0.001	MG/L
	1,3,5-TRIMETHYLBENZENE	ND	0.005	MG/L
	1,3-DICHLOROBENZENE	ND	0.001	MG/L
	1,3-DICHLOROPROPANE	ND	0.005	MG/L
	1,4-DICHLOROBENZENE	ND	0.001	MG/L
	2,2-DICHLOROPROPANE	ND	0.005	MG/L
	2-BUTANONE (MEK)	ND	0.01	MG/L
	4-METHYL-2-PENTANONE(MIBK)	ND	0.005	MG/L
	ACETONE	ND	0.01	MG/L
	BROMOBENZENE	ND	0.005	MG/L
	BROMOCHLOROMETHANE	ND	0.005	MG/L
	BROMODICHLOROMETHANE	ND	0.001	MG/L
	BROMOFORM	ND	0.004	MG/L
	BROMOMETHANE	ND	0.002	MG/L
	CARBON TETRACHLORIDE	ND	0.001	MG/L
	CHLOROBENZENE	ND	0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

Sample Date	Analyte	Result	Lab Reporting Flag	Units Limit
4/9/2009				
MW-07				
	CHLOROETHANE	ND	0.001	MG/L
	CHLOROFORM	ND	0.001	MG/L
	CHLOROMETHANE	ND	0.001	MG/L
	CIS-1,2-DICHLOROETHENE	ND	0.001	MG/L
	CIS-1,3-DICHLOROPROPENE	ND	0.001	MG/L
	DIBROMOCHLOROMETHANE	ND	0.001	MG/L
	DICHLORODIFLUOROMETHANE	ND	0.005	MG/L
	DI-ISOPROPYL ETHER	ND	0.005	MG/L
	HEXACHLOROBUTADIENE	ND	0.005	MG/L
	ISOPROPYLBENZENE	ND	0.002	MG/L
	M,P-XYLENE	ND	0.001	MG/L
	METHYLENE BROMIDE	ND	0.005	MG/L
	METHYLENE CHLORIDE	ND	0.002	MG/L
	N-BUTYLBENZENE	ND	0.005	MG/L
	N-PROPYLBENZENE	ND	0.005	MG/L
	O-CHLOROTOLUENE	ND	0.005	MG/L
	O-XYLENE	ND	0.001	MG/L
	P-CHLOROTOLUENE	ND	0.005	MG/L
	P-ISOPROPYL TOLUENE	ND	0.005	MG/L
	SEC-BUTYLBENZENE	ND	0.005	MG/L
	STYRENE	ND	0.005	MG/L
	TERT-AMYL METHYL ETHER	ND	0.005	MG/L
	TERT-BUTYL ETHYL ETHER	ND	0.005	MG/L
	TERT-BUTYLBENZENE	ND	0.005	MG/L
	TETRACHLOROETHENE	ND	0.001	MG/L
	TRANS-1,2-DICHLOROETHENE	ND	0.001	MG/L
	TRANS-1,3-DICHLOROPROPENE	ND	0.001	MG/L
	TRICHLOROETHENE	ND	0.001	MG/L
	TRICHLOROFUOROMETHANE	ND	0.005	MG/L
	VINYL CHLORIDE	ND	0.001	MG/L
	BENZENE	ND	0.001	MG/L
	TOLUENE	ND	0.001	MG/L
	ETHYLBENZENE	ND	0.001	MG/L
	XYLENE (TOTAL)	ND	0.001	MG/L
	TOTAL BTEX	ND	0.004	MG/L
	METHYL TERT BUTYL ETHER	ND	0.001	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 2
Groundwater Laboratory Analytical Results
03033

<i>Sample Date</i>	<i>Analyte</i>	<i>Result</i>	<i>Lab Flag</i>	<i>Reporting Limit</i>	<i>Units</i>
4/9/2009					
MW-07					
	NAPHTHALENE	ND		0.005	MG/L
	TERT BUTYL ALCOHOL	ND		0.025	MG/L

Notes:

ND-Not Detected

MG/L-Milligrams per liter

Lab Flags:

U- Not detected above reporting limit

J - Estimated value

Table 3
Historical Groundwater Analytical Summary

Service Station 03033
Analytical Results in Groundwater

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	TAME	ETBE	DIPE
MW-01									
8/11/2004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0552	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
12/1/2004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0224	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
12/29/2004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.133	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
MW-01R									
4/13/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0716	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
6/20/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0647	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/18/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0205	NT	NT	NT	NT
10/21/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.00084	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.00067	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
2/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0033	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/17/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0016	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/24/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
11/21/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0068	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/24/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.00049	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/25/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.00038	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
10/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.00034	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/22/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.08)	ND(0.005)	ND(0.005)	ND(0.005)
4/17/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/18/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0013	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
10/1/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)

***Historical data obtained from previous contractor; reporting limit unknown**

ND - Not Detected

NT - Not Tested

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	TAME	ETBE	DIPE
MW-01R									
1/8/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
4/9/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
MW-02									
8/11/2004	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	12.8	2.66	0.092	ND(0.05)
12/1/2004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	18.7	3.5	0.238	0.0029
12/29/2004	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	13	5	0.178	ND(0.05)
MW-02R									
4/13/2005	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	6.15	2.25	0.0907	ND(0.025)
6/20/2005	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	7.52	ND(0.25)	0.0977	ND(0.05)
7/18/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	8.7	NT	NT	NT
10/21/2005	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	3.53	0.761	0.0484	ND(0.025)
1/23/2006	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.13	ND(0.13)	0.0114	ND(0.025)
2/23/2006	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.54	ND(0.13)	0.0158	ND(0.025)
4/17/2006	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.944	ND(0.05)	0.0082	ND(0.01)
7/24/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.397	ND(0.025)	0.0036	ND(0.005)
11/21/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0553	ND(0.025)	ND(0.005)	ND(0.005)
1/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0492	ND(0.025)	ND(0.005)	ND(0.005)
4/24/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0245	ND(0.025)	ND(0.005)	ND(0.005)
7/25/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0211	ND(0.025)	ND(0.005)	ND(0.005)
10/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0139	ND(0.025)	ND(0.005)	ND(0.005)
1/22/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004	ND(0.08)	ND(0.005)	ND(0.005)

**Historical data obtained from previous contractor; reporting limit unknown*

ND - Not Detected

NT - Not Tested

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	TAME	ETBE	DIPE
MW-02R									
4/17/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/18/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0088	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
10/1/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.006	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/8/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0041	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/9/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0025	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
MW-03									
12/29/2004	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	4.54	0.151	0.0124	1.08	ND(0.013)
4/13/2005	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	3.76	ND(0.063)	0.0114	0.83	ND(0.013)
7/18/2005	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	2.84	NT	NT	NT	NT
10/21/2005	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.587	ND(0.063)	0.0015	0.076	ND(0.013)
1/23/2006	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.58	ND(0.13)	0.005	0.328	ND(0.025)
2/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	2.04	0.0677	0.0082	0.492	0.00099
4/17/2006	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.54	ND(0.13)	0.0064	0.397	ND(0.025)
7/24/2006	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.21	ND(0.13)	0.0048	0.141	0.0071
11/21/2006	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	5.26	ND(0.13)	0.0422	0.0072	0.0287
1/15/2007	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.91	ND(0.13)	0.009	0.244	ND(0.025)
4/24/2007	ND(0.002)	0.00092	ND(0.002)	ND(0.002)	3.44	ND(0.05)	0.0254	0.228	0.0083
7/25/2007	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	2.68	0.0223	ND(0.01)	0.187	ND(0.01)
10/15/2007	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	1.69	ND(0.25)	0.0101	0.197	ND(0.05)
12/6/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.8	ND(0.025)	0.0129	0.19	0.0047
12/6/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.147	ND(0.025)	0.00085	0.0369	ND(0.005)

***Historical data obtained from previous contractor; reporting limit unknown**

ND - Not Detected **NT - Not Tested**

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

<i>Sample Date</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>TBA</i>	<i>TAME</i>	<i>ETBE</i>	<i>DIPE</i>
<i>MW-03</i>									
12/13/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.498	ND(0.025)	0.0022	0.0978	ND(0.005)
12/19/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.173	ND(0.025)	0.00045	0.0312	ND(0.005)
12/26/2007	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	2.28	ND(0.13)	0.0113	0.202	ND(0.025)
1/3/2008	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	1.7	0.023	0.01	0.18	ND(0.01)
1/11/2008	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	1.3	0.022	0.01	0.16	ND(0.01)
1/17/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.75	ND(0.08)	0.004	0.12	ND(0.005)
1/22/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.35	ND(0.08)	0.002	0.097	ND(0.005)
1/24/2008	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	1.3	0.024	0.007	0.16	ND(0.01)
1/31/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.1	0.013	0.008	0.13	0.0008
2/5/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.76	0.015	0.005	0.1	ND(0.005)
2/12/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.62	0.012	0.004	0.096	ND(0.005)
2/19/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.6	0.011	0.012	0.15	0.0009
2/26/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1	0.021	0.007	0.12	ND(0.005)
3/4/2008	ND(0.005)	0.0016	0.0017	0.0057	1.25	ND(0.13)	0.0087	0.107	ND(0.025)
3/11/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.93	0.018	0.007	0.11	ND(0.005)
3/18/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.21	0.025	0.0082	0.108	0.00052
3/25/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.08	0.0248	0.0075	0.103	0.00045
4/2/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.03	0.0243	0.0075	0.111	0.00045
4/8/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.47	ND(0.025)	0.003	0.0741	ND(0.005)
4/15/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.754	0.0201	0.0057	0.0875	0.0003

****Historical data obtained from previous contractor; reporting limit unknown***

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All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

<i>Sample Date</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>TBA</i>	<i>TAME</i>	<i>ETBE</i>	<i>DIPE</i>
<i>MW-03</i>									
4/17/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.47	0.0114	0.0034	0.0672	ND(0.005)
4/22/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.23	0.0294	0.0095	0.144	0.00053
4/30/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.25	0.0308	0.0103	0.143	0.00056
5/6/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	1.07	ND(0.13)	0.0068	0.119	ND(0.025)
5/13/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.456	0.0316	0.0035	0.084	ND(0.005)
5/20/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.248	ND(0.025)	0.0012	0.0503	ND(0.005)
5/27/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.256	0.0125	0.0016	0.0588	ND(0.005)
6/3/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.815	0.0372	0.0054	0.104	ND(0.005)
6/10/2008	ND(0.001)	0.00092	ND(0.001)	ND(0.001)	0.105	ND(0.025)	ND(0.005)	0.0302	ND(0.005)
6/17/2008	0.00066	0.0066	0.00069	0.003	0.269	ND(0.05)	0.0018	0.0626	ND(0.01)
6/24/2008	ND(0.001)	0.00046	ND(0.001)	ND(0.001)	0.679	0.0291	0.0052	0.105	ND(0.005)
7/1/2008	0.0011	0.0209	0.004	0.0159	0.459	0.0323	0.0041	0.11	ND(0.005)
7/10/2008	ND(0.001)	0.0023	0.00049	0.0026	0.78	0.0547	0.0067	0.133	ND(0.005)
7/15/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.767	ND(0.13)	0.0057	0.112	ND(0.025)
7/18/2008	ND(0.005)	0.0018	ND(0.005)	0.0076	0.59	0.0641	0.0052	0.098	ND(0.025)
10/1/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.502	0.0404	0.0043	0.0997	ND(0.005)
1/8/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.616	0.0186	0.0032	0.062	ND(0.005)
4/9/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.126	ND(0.025)	ND(0.005)	0.0372	ND(0.005)
<i>MW-04</i>									
12/29/2004	0.0178	ND(0.001)	0.0021	0.0572	0.0045	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/13/2005	0.0173	ND(0.001)	0.0016	0.0518	0.0028	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)

*Historical data obtained from previous contractor; reporting limit unknown

ND - Not Detected

NT - Not Tested

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	TAME	ETBE	DIPE
MW-04									
7/18/2005	0.0051	ND(0.001)	0.00085	0.0555	0.00098	NT	NT	NT	NT
10/21/2005	0.0093	ND(0.001)	ND(0.001)	0.0468	0.0026	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/23/2006	0.0071	ND(0.001)	0.00044	0.0392	0.0131	ND(0.025)	ND(0.005)	0.00089	ND(0.005)
2/23/2006	0.009	ND(0.001)	0.00067	0.0514	0.0149	ND(0.025)	ND(0.005)	0.0012	ND(0.005)
4/17/2006	0.0084	ND(0.001)	0.00038	0.025	0.0166	ND(0.025)	ND(0.005)	0.001	ND(0.005)
7/24/2006	0.01	ND(0.001)	0.0003	0.0139	0.0295	ND(0.025)	ND(0.005)	0.00093	ND(0.005)
11/21/2006	0.0012	ND(0.001)	ND(0.001)	0.00062	0.0213	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/15/2007	0.0028	ND(0.001)	ND(0.001)	0.0089	0.0217	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/24/2007	0.00068	ND(0.001)	ND(0.001)	0.0106	0.0185	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/25/2007	0.0022	ND(0.001)	ND(0.001)	0.0053	0.0125	ND(0.025)	0.00038	ND(0.005)	ND(0.005)
10/15/2007	0.0023	ND(0.001)	ND(0.001)	0.0088	0.0155	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/22/2008	0.002	ND(0.005)	ND(0.005)	0.007	0.012	ND(0.08)	ND(0.005)	ND(0.005)	ND(0.005)
4/17/2008	0.0015	ND(0.001)	ND(0.001)	0.0022	0.0131	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/18/2008	0.00088	ND(0.001)	ND(0.001)	0.0011	0.0143	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
10/1/2008	0.00091	ND(0.001)	ND(0.001)	0.0015	0.0092	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/8/2009	0.0011	ND(0.001)	ND(0.001)	0.0016	0.0098	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/9/2009	0.00058	ND(0.001)	ND(0.001)	0.00055	0.0087	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
MW-05									
12/29/2004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.971	0.0146	0.0015	0.16	ND(0.005)
4/13/2005	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.582	ND(0.063)	ND(0.013)	0.0669	ND(0.013)
7/18/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.302	NT	NT	NT	NT

***Historical data obtained from previous contractor; reporting limit unknown**

ND - Not Detected **NT - Not Tested**

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	TAME	ETBE	DIPE
MW-05									
10/21/2005	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	1.1	ND(0.063)	0.0027	0.205	ND(0.013)
1/23/2006	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	1.01	ND(0.05)	0.0017	0.129	ND(0.01)
2/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.812	ND(0.025)	0.0016	0.125	ND(0.005)
4/17/2006	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.373	ND(0.05)	ND(0.01)	0.0261	ND(0.01)
7/24/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.537	ND(0.025)	0.0011	0.062	ND(0.005)
11/21/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.832	ND(0.025)	0.0019	0.0987	ND(0.005)
1/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.491	ND(0.025)	0.0011	0.0557	ND(0.005)
4/24/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.625	ND(0.025)	0.0027	0.105	ND(0.005)
7/25/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.319	ND(0.025)	0.0006	0.0288	ND(0.005)
10/15/2007	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.656	ND(0.13)	0.003	0.116	ND(0.025)
12/6/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.63	0.047	0.0109	0.381	ND(0.005)
12/13/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.821	0.0365	0.01	0.202	ND(0.005)
12/19/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.63	0.0476	0.01	0.413	ND(0.005)
12/26/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.769	0.0187	0.0028	0.165	ND(0.005)
1/3/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.61	0.021	0.003	0.16	ND(0.005)
1/11/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.5	ND(0.08)	0.002	0.11	ND(0.005)
1/17/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.63	ND(0.08)	0.003	0.15	ND(0.005)
1/22/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.7	ND(0.08)	0.005	0.19	ND(0.005)
1/24/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.5	ND(0.08)	0.002	0.1	ND(0.005)
1/31/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.46	ND(0.08)	0.003	0.094	ND(0.005)

*Historical data obtained from previous contractor; reporting limit unknown

ND - Not Detected

NT - Not Tested

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

<i>Sample Date</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>TBA</i>	<i>TAME</i>	<i>ETBE</i>	<i>DIPE</i>
<i>MW-05</i>									
2/5/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.45	ND(0.08)	0.002	0.089	ND(0.005)
2/12/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.66	0.01	0.005	0.17	ND(0.005)
2/19/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.65	ND(0.08)	0.003	0.12	ND(0.005)
2/26/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.51	0.016	0.003	0.12	ND(0.005)
3/4/2008	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.49	ND(0.063)	0.0033	0.108	ND(0.013)
3/11/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.5	ND(0.08)	0.003	0.12	ND(0.005)
3/18/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.79	ND(0.025)	0.0034	0.138	ND(0.005)
3/25/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.674	0.01	0.0049	0.163	ND(0.005)
4/2/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.489	ND(0.025)	0.0029	0.102	ND(0.005)
4/8/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.751	0.0184	0.006	0.191	ND(0.005)
4/15/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.515	ND(0.025)	0.0033	0.109	ND(0.005)
4/17/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.5	ND(0.025)	0.0031	0.104	ND(0.005)
4/22/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.526	0.0147	0.0034	0.113	ND(0.005)
4/30/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.447	ND(0.025)	0.0025	0.0805	ND(0.005)
5/6/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.393	ND(0.025)	0.0019	0.0739	ND(0.005)
5/13/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.502	0.0139	0.0036	0.112	ND(0.005)
5/20/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.617	ND(0.025)	0.0031	0.128	ND(0.005)
5/27/2008	0.00033	ND(0.001)	ND(0.001)	ND(0.001)	0.63	0.0061	0.0039	0.136	ND(0.005)
6/3/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.455	ND(0.025)	0.0031	0.111	ND(0.005)
6/10/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.551	ND(0.025)	0.0026	0.101	ND(0.005)

**Historical data obtained from previous contractor; reporting limit unknown*

ND - Not Detected

NT - Not Tested

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	TAME	ETBE	DIPE
MW-05									
6/17/2008	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.436	ND(0.063)	0.0023	0.0819	ND(0.013)
6/24/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.447	0.0189	0.0025	0.0648	ND(0.005)
7/1/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.472	ND(0.025)	0.0028	0.0965	ND(0.005)
7/10/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.392	0.0351	0.0025	0.064	ND(0.005)
7/15/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.55	0.141	0.0041	0.101	ND(0.025)
7/18/2008	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.669	0.106	0.0045	0.118	ND(0.013)
10/1/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.193	ND(0.025)	ND(0.005)	0.0148	ND(0.005)
1/8/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.294	0.0224	0.0012	0.0336	ND(0.005)
4/9/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.169	ND(0.025)	ND(0.005)	0.0098	ND(0.005)
MW-06									
12/29/2004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0524	ND(0.025)	0.00051	0.0016	ND(0.005)
4/13/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0538	ND(0.025)	ND(0.005)	0.004	ND(0.005)
7/18/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0597	NT	NT	NT	NT
10/21/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.342	ND(0.025)	0.0016	ND(0.005)	0.00051
1/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.12	ND(0.025)	ND(0.005)	0.0011	ND(0.005)
2/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.13	ND(0.025)	0.00044	0.00072	ND(0.005)
4/17/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0782	ND(0.025)	ND(0.005)	0.0012	ND(0.005)
7/24/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0414	ND(0.025)	ND(0.005)	0.00038	ND(0.005)
11/21/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0147	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/15/2007	ND(0.001)	0.00097	ND(0.001)	0.0011	0.0112	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/24/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)

*Historical data obtained from previous contractor; reporting limit unknown

ND - Not Detected

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All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	TAME	ETBE	DIPE
MW-06									
7/25/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0019	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
10/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0027	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/22/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.002	ND(0.08)	ND(0.005)	ND(0.005)	ND(0.005)
4/17/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0025	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/18/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0024	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
10/1/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0013	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/8/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0018	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/9/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.0012	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
MW-07									
12/29/2004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.00077	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/13/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
7/18/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	NT	NT	NT	NT
10/21/2005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
2/23/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/17/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/24/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
11/21/2006	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
1/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
4/24/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.00039	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)
7/25/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)	ND(0.005)

*Historical data obtained from previous contractor; reporting limit unknown

ND - Not Detected

NT - Not Tested

All results presented in mg/L

Service Station 03033
Analytical Results in Groundwater

<i>Sample Date</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>TBA</i>	<i>TAME</i>	<i>ETBE</i>	<i>DIPE</i>
<i>MW-07</i>									
10/15/2007	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
1/22/2008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.08)	ND(0.005)	ND(0.005)
4/17/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
7/18/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
10/1/2008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
1/8/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)
4/9/2009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.025)	ND(0.005)	ND(0.005)

***Historical data obtained from previous contractor; reporting limit unknown**

ND - Not Detected NT - Not Tested

All results presented in mg/L

Table 4
Geochemical Parameters

Table 4
Geochemical Parameters

03033

Well Name	Date	Alkalinity, Total as <i>CACO₃</i>	BOD	COD	Iron	Ferrous Iron	Nitrogen Nitrate +Nitrite	Nitrogen Nitrite	Sulfate	Sulfide
MW-01R	7/18/2008	ND (5)	ND (2)	21.3	0.169	ND (0.2)	1.4	1.4	ND (0.01)	ND (20)
MW-01R	10/1/2008	7.6	ND (3.4)	ND (20)	88.9	0.35	1.3	1.3	ND (0.01)	ND (10)
MW-01R	1/8/2009	7	ND (2)	ND (20)	5.25	ND (0.2)	1.1	1.1	ND (0.01)	ND (10)
MW-01R	4/9/2009	NS	NS	NS	7.27	ND (0.2)	1.2	1.2	ND (0.01)	ND (10)
MW-02R	7/18/2008	ND (5)	ND (2)	ND (20)	0.204	ND (0.2)	5.3	5.3	ND (0.01)	ND (20)
MW-02R	10/1/2008	ND (5)	ND (3.4)	ND (20)	107	ND (0.2)	4.3	4.3	ND (0.01)	ND (10)
MW-02R	1/8/2009	ND (5)	2.2	25	1.56	ND (0.2)	3.9	3.9	ND (0.01)	ND (10)
MW-02R	4/9/2009	NS	NS	NS	2.79	ND (0.2)	4.3	4.3	ND (0.01)	ND (10)
MW-03	7/18/2008	ND (5)	ND (2)	ND (20)	0.138	ND (0.2)	16.2	16.2	0.016	ND (20)
MW-03	10/1/2008	27.5	ND (3.4)	ND (20)	5.68	ND (0.2)	8.8	8.8	0.013	ND (10)
MW-03	1/8/2009	15.8	ND (2)	ND (20)	0.144	ND (0.2)	8.1	8.1	0.013	ND (10)
MW-03	4/9/2009	NS	NS	NS	2.11	ND (0.2)	11.8	11.8	ND (0.01)	ND (10)
MW-04	7/18/2008	23.7	ND (3.4)	ND (20)	8.07	ND (0.2)	4.7	4.8	0.054	ND (20)
MW-04	10/1/2008	22.1	ND (3.4)	ND (20)	21.8	ND (0.2)	3.7	4	0.28	ND (10)
MW-04	1/8/2009	22.2	ND (2)	25	3.48	ND (0.2)	3.7	3.9	0.16	ND (10)
MW-04	4/9/2009	NS	NS	NS	2.42	ND (0.2)	4.3	4.4	0.12	ND (10)
MW-05	7/18/2008	ND (5)	4.8	30.4	ND (0.1)	ND (0.2)	7.7	7.7	ND (0.01)	ND (20)
MW-05	10/1/2008	14.6	ND (3.4)	ND (20)	4.1	ND (0.2)	8.3	8.3	0.046	32.2

ND - Not Detected

NS - Not Sampled

All results presented in mg/L

MW-05	1/8/2009	42.7	ND (2)	22.5	3.14	ND (0.2)	6.8	6.8	ND (0.01)	ND (10)	ND (2)
MW-05	4/9/2009	NS	NS	NS	2.34	ND (0.2)	6.9	6.9	ND (0.01)	ND (10)	ND (2)
MW-06	7/18/2008	6.2	ND (2)	ND (20)	0.18	ND (0.2)	4.5	4.5	ND (0.01)	88.4	ND (2)
MW-06	10/1/2008	57.2	ND (3.4)	ND (20)	31.2	ND (0.2)	5.3	5.4	0.12	95.6	ND (2)
MW-06	1/8/2009	40.4	ND (2)	ND (20)	5.18	ND (0.2)	4.1	4.1	ND (0.01)	99.2	ND (2)
MW-06	4/9/2009	NS	NS	NS	11.5	ND (0.2)	4.7	4.7	ND (0.01)	101	ND (2)
MW-07	7/18/2008	22.6	3.5	ND (20)	1.32	ND (0.2)	1.4	1.4	ND (0.01)	ND (20)	ND (2)
MW-07	10/1/2008	22.7	12.1	ND (20)	24.7	ND (0.2)	0.64	0.64	ND (0.01)	14.7	ND (2)
MW-07	1/8/2009	25.7	ND (2)	22.5	3.11	0.24	0.51	0.51	ND (0.01)	16.1	ND (2)
MW-07	4/9/2009	NS	NS	NS	6.33	0.48	0.91	0.91	ND (0.01)	18.7	ND (2)

ND - Not Detected

NS - Not Sampled

All results presented in mg/L

Table 5
Field Parameters

Table 5
Field Parameters
03033

Well Name	Date	Temperature (C)	Conductivity (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)
MW-01R						
	10/15/2007	19.2	0.7	7.01	NS	177.8
	1/22/2008	13.92	0.308	NS	6.61	205.2
	4/17/2008	15.66	0.556	4.73	5.63	-142
	7/22/2008	15.09	0.369	6.81	5.31	257.8
	10/1/2008	15.09	0.37	6.64	6.42	-111.3
	1/8/2009	13.67	0.514	NS	5.91	95.1
	2/3/2009	NS	NS	9.59	NS	84.6
	4/9/2009	14.7	0.678	10.91	6.8	67.9
MW-02R						
	1/15/2007	15.84	2.28	2	5.38	92.5
	10/15/2007	18.55	4.288	7.02	NS	257.6
	1/22/2008	15.08	2.075	NS	6.72	273.5
	4/17/2008	16.57	2.44	3.02	4.44	-80.2
	7/22/2008	15.79	3.341	4.91	4.73	296.4
	10/1/2008	15.69	2.795	5.58	5.36	-129.1
	1/8/2009	14.25	3.102	NS	4.59	155
	2/3/2009	NS	NS	9.01	NS	140.3
	4/9/2009	15.49	5.141	14.51	5.83	117.2
MW-03						
	1/15/2007	15.73	2.84	0.53	5.05	129.5
	10/15/2007	16.52	4.574	1.99	NS	270.7
	1/22/2008	14.14	3.671	NS	6.48	278.9
	4/17/2008	16.81	2.073	2.65	4.47	-70.4
	7/22/2008	16.1	2.52	1.51	4.7	306.7
	10/1/2008	15.82	2.019	5.39	6.3	-171.8

Notes:

NS- Not Sampled

C- Celsius

mS/cm- milliSiemens per centimeter

mg/L- milligrams per Liter

SU- Standard Units

mV- milliVolts

ppm- parts per million

Table 5
Field Parameters
03033

Well Name	Date	Temperature (C)	Conductivity (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)
	1/8/2009	15.24	2.213	NS	6.62	163.3
	2/3/2009	NS	NS	13.44	NS	149.8
	4/9/2009	15.49	2.613	18.11	6.33	109.7
MW-04						
	1/15/2007	15.48	2.11	1.06	5.72	78.2
	10/15/2007	17.76	3.574	4.56	NS	220.4
	1/22/2008	15.34	1.253	NS	6.91	214.2
	4/17/2008	16.56	1.499	1.11	4.32	-130.9
	7/22/2008	16.08	1.77	2.72	5.5	245.7
	10/1/2008	15.89	1.801	2.05	5.92	-182.9
	1/8/2009	13.7	1.577	NS	5.03	156.6
	2/3/2009	NS	NS	3.33	NS	54
	4/9/2009	15.58	1.843	11.48	6.42	96.1
MW-05						
	1/15/2007	15.41	0.49	1.87	5.43	93.2
	10/15/2007	17.71	6.301	3.72	NS	240.9
	1/22/2008	14.49	2.5	NS	6.55	297.1
	4/17/2008	16.63	2.809	2.85	4.11	-83.6
	7/22/2008	15.65	3.44	1.96	4.87	277.6
	10/1/2008	15.64	2.907	7.24	5.86	-120.2
	1/8/2009	15.19	2.894	NS	5.69	182.1
	2/3/2009	NS	NS	15.4	NS	91.2
	4/9/2009	15.29	3.383	19.19	6.03	109.5
MW-06						
	1/15/2007	15.54	2.13	1.63	5.5	92.7
	10/15/2007	17.33	3.741	7.09	NS	242.3

Notes:

NS- Not Sampled

C- Celsius

mS/cm- milliSiemens per centimeter

mg/L- milligrams per Liter

SU- Standard Units

mV- milliVolts

ppm- parts per million

Table 5
Field Parameters
03033

Well Name	Date	Temperature (C)	Conductivity (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)
	1/22/2008	14.25	2.182	NS	6.62	233
	4/17/2008	16.41	2.451	3.22	5.09	-105.3
	7/22/2008	15.47	2.814	4.43	5.18	282.1
	10/1/2008	15.61	2.508	9.6	5.56	-90.3
	1/8/2009	15.07	2.325	NS	4.88	158.2
	2/3/2009	NS	NS	16.2	NS	93.2
	4/9/2009	15.15	3.829	17.21	6.04	115.7
MW-07						
	1/15/2007	14.98	2.22	0.29	6.05	56
	10/15/2007	18.15	4.564	5.65	NS	137.1
	1/22/2008	14.72	1.502	NS	6.83	204.4
	4/17/2008	16.26	2.045	1.43	5.89	-169.7
	7/22/2008	15.21	2.861	3.63	5.39	270.1
	10/1/2008	15.36	2.737	5.17	7.36	23.8
	1/8/2009	13.26	2.156	NS	4.66	153.6
	2/3/2009	NS	NS	7.06	NS	102.9
	4/9/2009	14.75	3.069	11.49	6.33	101.1

Notes:

NS- Not Sampled

C- Celsius

mS/cm- milliSiemens per centimeter

mg/L- milligrams per Liter

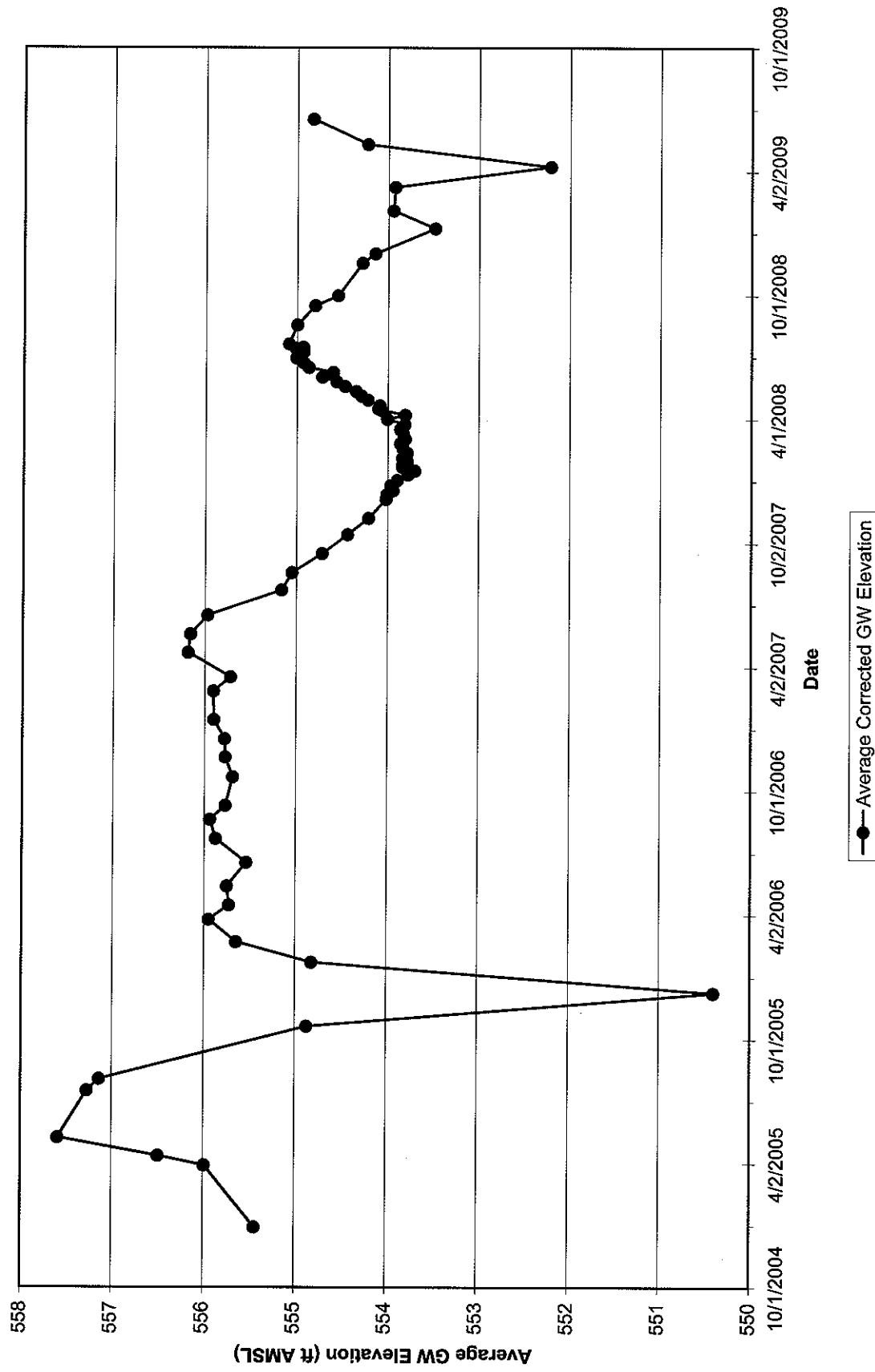
SU- Standard Units

mV- milliVolts

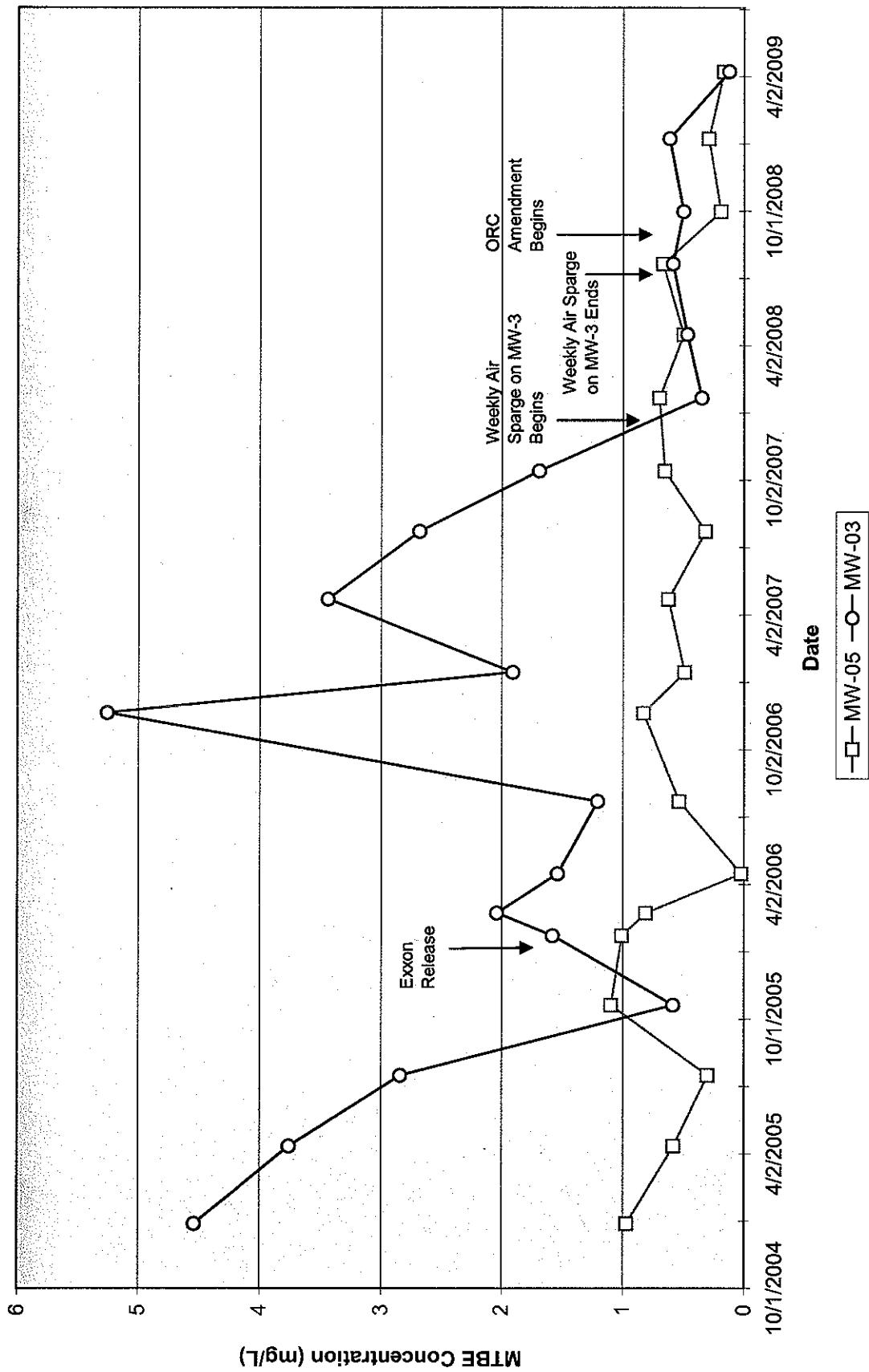
ppm- parts per million

GRAPHS

**BP Service Station #3033 Average Corrected Groundwater Elevation
(for monitoring wells)**

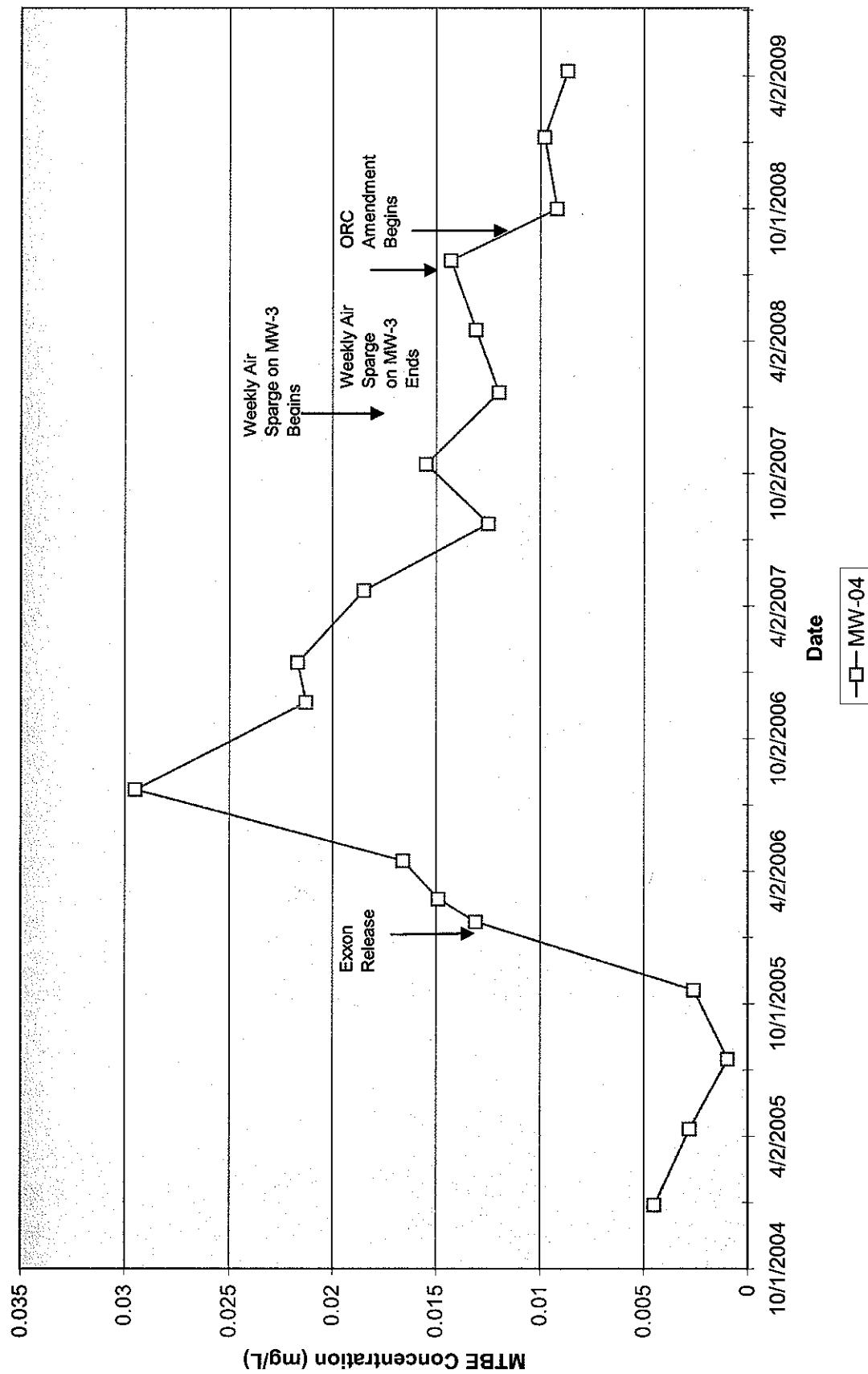


**MTBE Concentrations in Groundwater
MW-03 and MW-05
BP Service Station #3033, Phoenix MD**



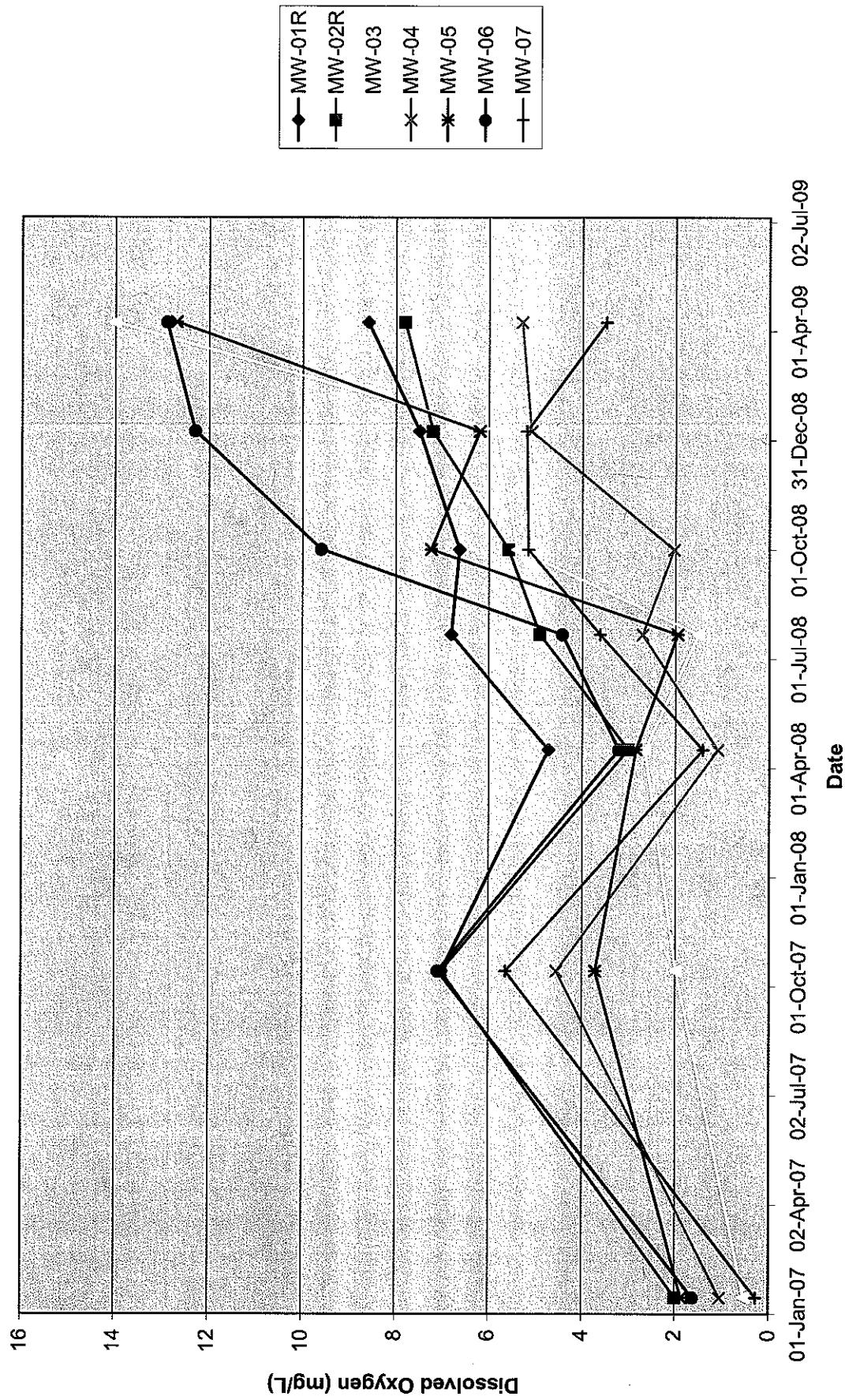
Note: Data for monitoring wells MW-03 and MW-05 based on quarterly groundwater sampling events only. Sparge events are not included in the graphs.

MTBE Concentrations in Groundwater
MW-04
BP Service Station #3033, Phoenix MD



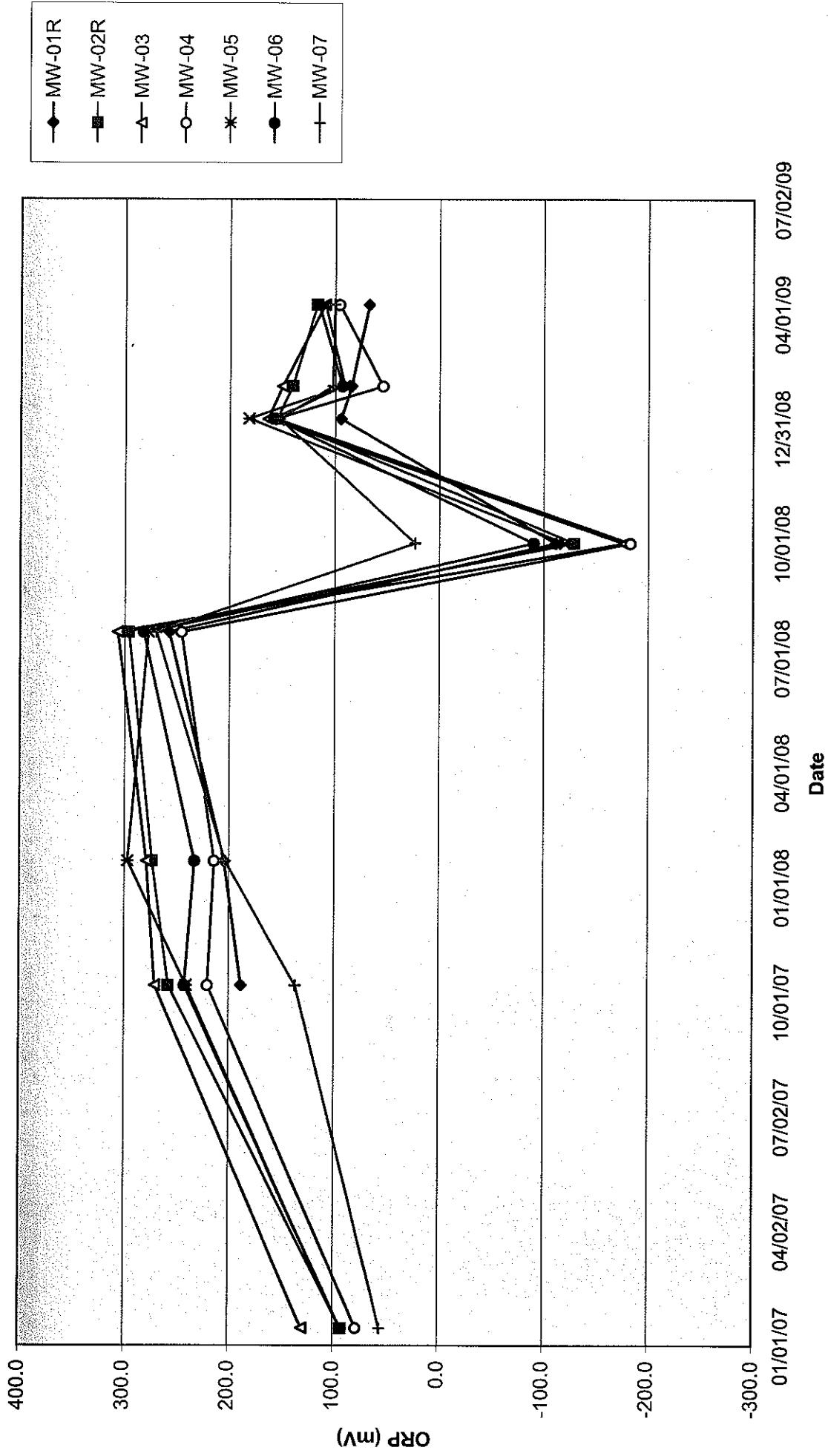
Note: Data for monitoring wells MW-03 and MW-05 based on quarterly groundwater sampling events only. Sparge events are not included in the graphs.

Dissolved Oxygen in Groundwater
BP Service Station No. 3033, Phoenix, MD



Note:
1. 1/8/09 field measurement data not plotted due to equipment malfunction, Jan. laboratory results depicted on graph.

**Oxidation-Reduction Potential (ORP) Field Measurements in Groundwater
BP Service Station No. 3033**



Note:
1. 4/17/08 measurements omitted from graph due field equipment error.

APPENDIX A
Laboratory Analytical Reports



04/22/09

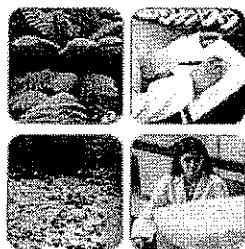
Technical Report for

Atlantic Richfield Company

URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD

PROJ# G036P-0043 PHASE 04 SUB 03 COST 05

Accutest Job Number: JA16222



Sampling Date: 04/09/09

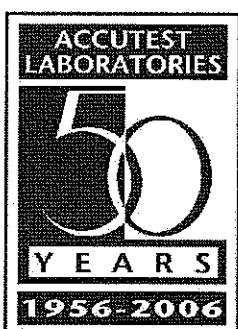
Report to:

URS Corporation

Herman_van_Elburg@URSCorp.com

ATTN: Herman van Elburg

Total number of pages in report: 44



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.



David N. Speer

VP Ops, Laboratory Director

Client Service contact: Tony Esposito 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Sections:

1

2

3

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Sample Summary

Atlantic Richfield Company

Job No: JA16222

URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD
Project No: PROJ# G036P-0043 PHASE 04 SUB 03 COST 05

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
JA16222-1	04/09/09	11:45 LM	04/10/09	AQ	Ground Water
JA16222-2	04/09/09	12:15 LM	04/10/09	AQ	Ground Water
JA16222-3	04/09/09	12:55 LM	04/10/09	AQ	Ground Water
JA16222-4	04/09/09	13:25 LM	04/10/09	AQ	Ground Water
JA16222-5	04/09/09	13:50 LM	04/10/09	AQ	Ground Water
JA16222-6	04/09/09	14:15 LM	04/10/09	AQ	Ground Water
JA16222-7	04/09/09	14:30 LM	04/10/09	AQ	Ground Water



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Atlantic Richfield Company

Job No JA16222

Site: URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD

Report Date 4/22/2009 6:52:13 PM

On 04/10/2009, 7 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA16222 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatile by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V2B2486

- ☒ All samples were analyzed within the recommended method holding time.
- ☒ Sample(s) JA16149-2MS, JA16149-2MSD were used as the QC samples indicated.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Blank Spike Recovery(s) for Carbon tetrachloride are outside control limits.
- ☒ V2B2486-BS for Carbon tetrachloride: High percent recoveries and no associated positive found in the QC batch.

Matrix: AQ

Batch ID: V2B2488

- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA16222-3MS, JA16222-3MSD were used as the QC samples indicated.
- ☒ Blank Spike Recovery(s) for 1,1,1-Trichloroethane, Carbon tetrachloride are outside control limits.
- ☒ Matrix Spike Recovery(s) for Methylene bromide, Carbon tetrachloride are outside control limits. Outside control limits due to matrix interference.
- ☒ V2B2488-BS for Carbon tetrachloride: High percent recoveries and no associated positive found in the QC batch.
- ☒ V2B2488-BS for 1,1,1-Trichloroethane: High percent recoveries and no associated positive found in the QC batch.
- ☒ JA16222-3MS for Carbon tetrachloride: Outside control limits.

Matrix: AQ

Batch ID: V2C2574

- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA16321-3MS, JA16321-3MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP47886

- ☒ All samples were digested within the recommended method holding time.
- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA15768-2FSDL, JA15768-2MS, JA15768-2MSD, JA15768-2SDL were used as the QC samples for metals.
- ☒ JA16222-5 for Iron: Elevated detection limit due to dilution required for matrix interference.

Wet Chemistry By Method EPA 300/SW846 9056**Matrix:** AQ**Batch ID:** GP48674

- ☒ All samples were prepared within the recommended method holding time.
- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA16222-2DUP, JA16222-2MS were used as the QC samples for Sulfate.

Wet Chemistry By Method EPA 353.2/LACHAT**Matrix:** AQ**Batch ID:** GP48667

- ☒ All samples were prepared within the recommended method holding time.
- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA16222-1DUP, JA16222-1MS were used as the QC samples for Nitrogen, Nitrate + Nitrite.

Wet Chemistry By Method EPA353.2/SM4500NO2B**Matrix:** AQ**Batch ID:** R80658

- ☒ The data for EPA353.2/SM4500NO2B meets quality control requirements.
- ☒ JA16222-1 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ**Batch ID:** R80664

- ☒ The data for EPA353.2/SM4500NO2B meets quality control requirements.
- ☒ JA16222-2 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ**Batch ID:** R80665

- ☒ The data for EPA353.2/SM4500NO2B meets quality control requirements.
- ☒ JA16222-3 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ**Batch ID:** R80666

- ☒ The data for EPA353.2/SM4500NO2B meets quality control requirements.
- ☒ JA16222-4 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ**Batch ID:** R80667

- ☒ The data for EPA353.2/SM4500NO2B meets quality control requirements.
- ☒ JA16222-5 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ**Batch ID:** R80668

- ☒ The data for EPA353.2/SM4500NO2B meets quality control requirements.
- ☒ JA16222-6 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ**Batch ID:** R80669

- ☒ The data for EPA353.2/SM4500NO2B meets quality control requirements.
- ☒ JA16222-7 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Wet Chemistry By Method SM19 4500NO2B

Matrix: AQ

Batch ID: GN25313

- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA16222-1MS, JA16222-1DUP were used as the QC samples for Nitrogen, Nitrite.
- ☒ RPD(s) for Duplicate for Nitrogen, Nitrite are outside control limits for sample GN25313-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry By Method SM20 3500FEB

Matrix: AQ

Batch ID: GN25323

- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA16222-1DUP were used as the QC samples for Iron, Ferrous.

Wet Chemistry By Method SM20 4500 OG

Matrix: AQ

Batch ID: GN25326

- ☒ Sample(s) JA16222-1DUP were used as the QC samples for Oxygen, Dissolved.
- ☒ JA16222-6 for Oxygen, Dissolved: Immediate analysis required for this parameter. Received out of holding time.
- ☒ JA16222-7 for Oxygen, Dissolved: Immediate analysis required for this parameter. Received out of holding time.
- ☒ JA16222-1 for Oxygen, Dissolved: Immediate analysis required for this parameter. Received out of holding time.
- ☒ JA16222-5 for Oxygen, Dissolved: Immediate analysis required for this parameter. Received out of holding time.
- ☒ JA16222-4 for Oxygen, Dissolved: Immediate analysis required for this parameter. Received out of holding time.
- ☒ JA16222-3 for Oxygen, Dissolved: Immediate analysis required for this parameter. Received out of holding time.
- ☒ JA16222-2 for Oxygen, Dissolved: Immediate analysis required for this parameter. Received out of holding time.

Wet Chemistry By Method SM20 4500S2 F

Matrix: AQ

Batch ID: GN25361

- ☒ All samples were analyzed within the recommended method holding time.
- ☒ All method blanks for this batch meet method specific criteria.
- ☒ Sample(s) JA16072-2DUP, JA16222-1MS were used as the QC samples for Sulfide.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover



IT'S ALL IN THE CHEMISTRY

Accutest Laboratories



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 3



Client Sample ID:	3033-MW-07	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-1	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B56029.D	1	04/13/09	YCB	n/a	n/a	V2B2486
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	3033-MW-07	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-1	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

**VOA 8260 List**

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.26	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-120%

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3



Client Sample ID:	3033-MW-07	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-1	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	123%		64-135%
2037-26-5	Toluene-D8	91%		76-117%
460-00-4	4-Bromofluorobenzene	89%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-07	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-1	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	6330	100	ug/l	1	04/17/09	04/17/09 GT	SW846 6010B ¹	SW846 3010A ²

- (1) Instrument QC Batch: MA22439
(2) Prep QC Batch: MP47886

RL = Reporting Limit

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-07	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-1	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous	0.48	0.20	mg/l	1	04/10/09 17:18	TM	SM20 3500FEB
Nitrogen, Nitrate ^a	0.91	0.11	mg/l	1	04/16/09 13:27	RP	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	0.91	0.10	mg/l	1	04/16/09 13:27	RP	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/10/09 15:00	ST	SM19 4500NO2B
Oxygen, Dissolved ^b	3.5	1.0	mg/l	1	04/10/09 16:15	MJC	SM20 4500 OG
Sulfate	18.7	10	mg/l	1	04/17/09 06:25	MS	EPA 300/SW846 9056
Sulfide	< 2.0	2.0	mg/l	1	04/13/09	JA	SM20 4500S2 F

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Immediate analysis required for this parameter. Received out of holding time.

RL = Reporting Limit

Report of Analysis

Page 1 of 3



Client Sample ID: 3033-MW-01R
Lab Sample ID: JA16222-2
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD

Date Sampled: 04/09/09
Date Received: 04/10/09
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B56030.D	1	04/13/09	YCB	n/a	n/a	V2B2486
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	3033-MW-01R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-2	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

**VOA 8260 List**

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.26	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		76-120%

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	3033-MW-01R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-2	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	123%		64-135%
2037-26-5	Toluene-D8	90%		76-117%
460-00-4	4-Bromofluorobenzene	88%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1



Client Sample ID:	3033-MW-01R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-2	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	7270	100	ug/l	1	04/17/09	04/17/09 GT	SW846 6010B ¹	SW846 3010A ²

- (1) Instrument QC Batch: MA22439
(2) Prep QC Batch: MP47886

RL = Reporting Limit

Report of Analysis

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Client Sample ID:	3033-MW-01R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-2	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous	< 0.20	0.20	mg/l	1	04/10/09 17:18	TM	SM20 3500FEB
Nitrogen, Nitrate ^a	1.2	0.11	mg/l	1	04/16/09 13:47	RP	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	1.2	0.10	mg/l	1	04/16/09 13:47	RP	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/10/09 15:00	ST	SM19 4500NO2B
Oxygen, Dissolved ^b	8.6	1.0	mg/l	1	04/10/09 16:15	MJC	SM20 4500 OG
Sulfate	< 10	10	mg/l	1	04/17/09 06:03	MS	EPA 300/SW846 9056
Sulfide	< 2.0	2.0	mg/l	1	04/13/09	JA	SM20 4500S2 F

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Immediate analysis required for this parameter. Received out of holding time.

RL = Reporting Limit

Report of Analysis

Page 1 of 3

Client Sample ID: 3033-MW-06
Lab Sample ID: JA16222-3
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	2B56066.D	1	04/14/09	YCB	n/a	n/a	V2B2488

Purge Volume	
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	3033-MW-06	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-3	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.2	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.26	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	3033-MW-06	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-3	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	115%		64-135%
2037-26-5	Toluene-D8	90%		76-117%
460-00-4	4-Bromofluorobenzene	86%		72-122%



ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-06	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-3	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		



Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	11500	100	ug/l	1	04/17/09	04/17/09 CT	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA22439

(2) Prep QC Batch: MP47886

RL = Reporting Limit

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-06	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-3	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous	< 0.20	0.20	mg/l	1	04/10/09 17:18	TM	SM20 3500FEB
Nitrogen, Nitrate ^a	4.7	0.11	mg/l	1	04/16/09 13:48	RP	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	4.7	0.10	mg/l	1	04/16/09 13:48	RP	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/10/09 15:00	ST	SM19 4500NO2B
Oxygen, Dissolved ^b	12.9	1.0	mg/l	1	04/10/09 16:15	MJC	SM20 4500 OG
Sulfate	101	10	mg/l	1	04/17/09 06:48	MS	EPA 300/SW846 9056
Sulfide	< 2.0	2.0	mg/l	1	04/13/09	JA	SM20 4500S2 F

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Immediate analysis required for this parameter. Received out of holding time.

RL = Reporting Limit

Report of Analysis

Page 1 of 3

Client Sample ID:	3033-MW-04	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-4	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C56996.D	1	04/15/09	YCB	n/a	n/a	V2C2574
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	0.58	1.0	0.26	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	3033-MW-04	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-4	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	0.74	2.0	0.19	ug/l	J
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	8.7	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	2.3	5.0	1.2	ug/l	J
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.26	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	0.55	1.0	0.39	ug/l	J
1330-20-7	Xylene (total)	0.55	1.0	0.39	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		76-120%

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound



Report of Analysis

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Client Sample ID:	3033-MW-04	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-4	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		64-135%
2037-26-5	Toluene-D8	102%		76-117%
460-00-4	4-Bromofluorobenzene	99%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	3033-MW-04	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-4	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	2420	100	ug/l	1	04/17/09	04/17/09 GT	SW846 6010B ¹	SW846 3010A ²

- (1) Instrument QC Batch: MA22439
 (2) Prep QC Batch: MP47886

RL = Reporting Limit

Report of Analysis

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Client Sample ID:	3033-MW-04	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-4	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous	< 0.20	0.20	mg/l	1	04/10/09 17:18	TM	SM20 3500FEB
Nitrogen, Nitrate ^a	4.3	0.11	mg/l	1	04/16/09 13:49	RP	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	4.4	0.10	mg/l	1	04/16/09 13:49	RP	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.12	0.010	mg/l	1	04/10/09 15:00	ST	SM19 4500NO2B
Oxygen, Dissolved ^b	5.3	1.0	mg/l	1	04/10/09 16:15	MJC	SM20 4500 OG
Sulfate	< 10	10	mg/l	1	04/17/09 07:10	MS	EPA 300/SW846 9056
Sulfide	< 2.0	2.0	mg/l	1	04/13/09	JA	SM20 4500S2 F

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Immediate analysis required for this parameter. Received out of holding time.

RL = Reporting Limit

Report of Analysis

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Client Sample ID:	3033-MW-02R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-5	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B56067.D	1	04/14/09	YCB	n/a	n/a	V2B2488
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromoform	ND	5.0	0.24	ug/l	
75-27-4	Bromochloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromodichloromethane	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	3033-MW-02R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-5	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.5	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.26	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	3033-MW-02R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-5	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	118%		64-135%
2037-26-5	Toluene-D8	91%		76-117%
460-00-4	4-Bromofluorobenzene	86%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-02R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-5	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron ^a	2790	500	ug/l	5	04/17/09	04/21/09 JF	SW846 6010B ¹	SW846 3010A ²

- (1) Instrument QC Batch: MA22451
(2) Prep QC Batch: MP47886

(a) Elevated detection limit due to dilution required for matrix interference.

RL = Reporting Limit

Report of Analysis

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Client Sample ID:	3033-MW-02R	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-5	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous	< 0.20	0.20	mg/l	1	04/10/09 17:18	TM	SM20 3500FEB
Nitrogen, Nitrate ^a	4.3	0.11	mg/l	1	04/16/09 13:49	RP	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	4.3	0.10	mg/l	1	04/16/09 13:49	RP	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/10/09 15:00	ST	SM19 4500NO2B
Oxygen, Dissolved ^b	7.8	1.0	mg/l	1	04/10/09 16:15	MJC	SM20 4500 OG
Sulfate	< 10	10	mg/l	1	04/17/09 07:32	MS	EPA 300/SW846 9056
Sulfide	< 2.0	2.0	mg/l	1	04/13/09	JA	SM20 4500S2 F

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Immediate analysis required for this parameter. Received out of holding time.

RL = Reporting Limit

Report of Analysis

Page 1 of 3

**Client Sample ID:** 3033-MW-05**Lab Sample ID:** JA16222-6**Date Sampled:** 04/09/09**Matrix:** AQ - Ground Water**Date Received:** 04/10/09**Method:** SW846 8260B**Percent Solids:** n/a**Project:** URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B56072.D	1	04/14/09	YCB	n/a	n/a	V2B2488
Run #2							

Purge Volume

Run #1 5.0 ml

Run #2

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	3033-MW-05	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-6	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	169	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	9.8	5.0	0.26	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3



Client Sample ID:	3033-MW-05	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-6	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		64-135%
2037-26-5	Toluene-D8	91%		76-117%
460-00-4	4-Bromofluorobenzene	85%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1



Client Sample ID:	3033-MW-05	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-6	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	2340	100	ug/l	1	04/17/09	04/17/09 GT	SW846 6010B ¹	SW846 3010A ²

- (1) Instrument QC Batch: MA22439
(2) Prep QC Batch: MP47886

RL = Reporting Limit

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-05	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-6	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous	< 0.20	0.20	mg/l	1	04/10/09 17:18	TM	SM20 3500FEB
Nitrogen, Nitrate ^a	6.9	0.21	mg/l	1	04/16/09 14:39	RP	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	6.9	0.20	mg/l	2	04/16/09 14:39	RP	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/10/09 15:00	ST	SM19 4500NO2B
Oxygen, Dissolved ^b	12.7	1.0	mg/l	1	04/10/09 16:15	MJC	SM20 4500 OG
Sulfate	< 10	10	mg/l	1	04/17/09 07:55	MS	EPA 300/SW846 9056
Sulfide	< 2.0	2.0	mg/l	1	04/13/09	JA	SM20 4500S2 F

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Immediate analysis required for this parameter. Received out of holding time.

RL = Reporting Limit

Report of Analysis

Page 1 of 3



Client Sample ID:	3033-MW-03	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-7	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B56073.D	1	04/14/09	YCB	n/a	n/a	V2B2488
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	3033-MW-03	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-7	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	126	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	37.2	5.0	0.26	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3



Client Sample ID:	3033-MW-03	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-7	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		64-135%
2037-26-5	Toluene-D8	91%		76-117%
460-00-4	4-Bromofluorobenzene	84%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-03	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-7	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	2110	100	ug/l	1	04/17/09	04/17/09 GT	SW846 6010B ¹	SW846 3010A ²

- (1) Instrument QC Batch: MA22439
(2) Prep QC Batch: MP47886

RL = Reporting Limit

Report of Analysis

Page 1 of 1

Client Sample ID:	3033-MW-03	Date Sampled:	04/09/09
Lab Sample ID:	JA16222-7	Date Received:	04/10/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	URSMDB: S/S 03033, 14243 Jarrettsville Pike, Phoenix, MD		

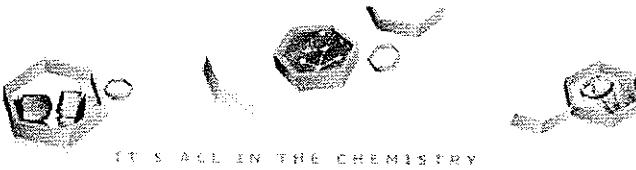
General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous	< 0.20	0.20	mg/l	1	04/10/09 17:18	TM	SM20 3500FEB
Nitrogen, Nitrate ^a	11.8	0.41	mg/l	1	04/16/09 14:40	RP	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	11.8	0.40	mg/l	4	04/16/09 14:40	RP	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/10/09 15:04	ST	SM19 4500NO2B
Oxygen, Dissolved ^b	14.0	1.0	mg/l	1	04/10/09 16:15	MJC	SM20 4500 OG
Sulfate	< 10	10	mg/l	1	04/17/09 08:17	MS	EPA 300/SW846 9056
Sulfide	< 2.0	2.0	mg/l	1	04/13/09	JA	SM20 4500S2 F

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Immediate analysis required for this parameter. Received out of holding time.

RL = Reporting Limit



IT'S ALL IN THE CHEMISTRY



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



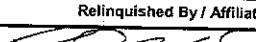
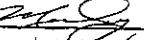
Laboratory Management Program Lab Chain of Custody Record

BP/ARC Project Name: BP03033

BP/ABC Facility No.: 3032

Req Due Date (mm/dd/w): Standard

Rush TAT: Yes No x

Lab Name:	Accutest Laboratories	BP/ARC Facility Address:	14243 Jarrettsville Pike	Lab Work Order Number:	WA16222																	
Lab Address:	2235 Route 130, Dayson, NJ 08810	City, State, ZIP Code:	Phoenix, MD	Consultant/Contractor:	URS Corporation																	
Lab PM:	Diane Komar	Lead Regulatory Agency:	MDE	Consultant/Contractor Project No:																		
Lab Phone:	732-329-0200	California Global ID No.:	N/A	Address:	200 Orchard Ridge Dr., Suit 101, Gaithersburg, MD 20878																	
Lab Shipping Acct:	1147-5950-3	Enviro Proposal No:		Consultant/Contractor PM:	Tara Ryan																	
Lab Bottle Order No:		Accounting Mode:	Provision <input checked="" type="checkbox"/> OOC-BU <input type="checkbox"/> OOC-RM	Email EDD To:	kara_johnson@urscorp.com																	
Other Info:		Stage:	50	Activity:	22																	
BP/ARC EBM:	Nick Onufrek	Invoice To:	BP/ARC	Contractor	<input checked="" type="checkbox"/>																	
EBM Phone:	410-825-8213				Report Type & QC Level																	
EBM Email:	nicholas.onufrek@bp.com				Standard <input checked="" type="checkbox"/>																	
			Full Data Package <input type="checkbox"/>																			
Lab No.	Sample Description	Date	Time	Matrix	No. Containers / Preservative	Requested Analyses						Comments Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.										
				Sol / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved (Iron, Sulfate, DO)	H ₂ SO ₄ (nitrate, nitrite, XNO ₃ O)	HNO ₃ (iron)	HCl (VOCs)				Methanol	NaOH + ZnAc (Sulfide)	Total VOCs by GC/MS	OXY5	DO	Fe	Fe ₂	Nitrogen, Nitrate
-1	3033-MW-07	4/9/09	1145	X		10	1	1	3	2	X	X	X	X	X	X	X	X	X	X	X	2197- 1023 , WC2
-2	3033-MW-01R	4/9/09	1215	X		10	3	1	3	2	X	X	X	X	X	X	X	X	X	X	X	AMET14, WC26
-3	3033-MW-06	4/9/09	1255	X		10	3	1	3	2	X	X	X	X	X	X	X	X	X	X	X	
-4	3033-MW-04	4/9/09	1325	X		10	3	1	3	2	X	X	X	X	X	X	X	X	X	X	X	
-5	3033-MW-02R	4/9/09	1350	X		10	3	1	3	2	X	X	X	X	X	X	X	X	X	X	X	
-6	3033-MW-05	4/9/09	1415	X		10	3	1	3	2	X	X	X	X	X	X	X	X	X	X	X	
-7	3033-MW-03	4/9/09	1430	X		10	3	1	3	2	X	X	X	X	X	X	X	X	X	X	X	
ALL SAMPLES													TAS 4/10/09									
Sampler's Name: LUKE TRULY				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time							
Sampler's Company: URS Corporation								4/9/09	1600	FedEx				4/9/09	1600							
Shipment Method: FedEx Ship Date: 4/9/09								4/10/09	1000	PDR				4/10/09	1000							
Shipment Tracking No:																						
Special Instructions:																						
THIS LINE - LAB USE ONLY: Custody Seals In Place <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Cooler Temp on Receipt: 3.4°C, 2.4°F <input type="checkbox"/>				Trip Blank: Yes <input type="checkbox"/> No				MS/MSD Sample Submitted: Yes <input type="checkbox"/> No						
#822884 rec'd intact + TMR 4/10/09 + TMR 4/5/09 73 7935 2000 186 73 7935 2010																						

JA16222: Chain of Custody